



COMPARISON REPORT BETWEEN ASME A17.1/B44 AND ISO 8100-1/2 REQUIREMENTS FOR ELECTRIC ELEVATORS

Prepared by:

Barry Blackaby
Bruce Horne
Earl Baker
Michael Morand
Scott Boucher

Louis Bialy David McColl Jim Filippone Sam Hamze Henry E Peelle III

ASME STANDARDS TECHNOLOGY, LLC

Date of Issuance: April 30, 2021

This publication was prepared by ASME Standards Technology, LLC ("ASME ST-LLC") and sponsored by The American Society of Mechanical Engineers ("ASME").

Neither ASME, ASME ST-LLC, the authors, nor others involved in the preparation or review of this publication, nor any of their respective employees, members, or persons acting on their behalf, make any warranty, express or implied, or assume any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe upon privately owned rights.

Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by ASME ST-LLC or others involved in the preparation or review of this publication, or any agency thereof. The views and opinions of the authors, contributors and reviewers of the publication expressed herein do not necessarily reflect those of ASME ST-LLC or others involved in the preparation or review of this publication, or any agency thereof.

ASME ST-LLC does not take any position with respect to the validity of any patent rights asserted in connection with any items mentioned in this document, and does not undertake to insure anyone utilizing a publication against liability for infringement of any applicable Letters Patent, nor assumes any such liability. Users of a publication are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, is entirely their own responsibility.

Participation by federal agency representative(s) or person(s) affiliated with industry is not to be interpreted as government or industry endorsement of this publication.

ASME is the registered trademark of The American Society of Mechanical Engineers.

No part of this document may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher.

ASME Standards Technology, LLC Two Park Avenue, New York, NY 10016-5990

> ISBN No. 978-0-7918-7452-3 Copyright © 2021 ASME Standards Technology, LLC All Rights Reserved

TABLE OF CONTENTS

Prefacev
1 Scope
2 References
2.1 ASME Standards2
2.2 CEN Standards
2.3 ISO Standards
3 Use of STP-SA-092
3.1 Use of STP-SA-092 to Achieve Equivalence to ISO 8100-1 and ISO 8100-24
Table 1: ISO 8100-1 Requirements to be Used in Addition to or in Place of Requirements in A17.1/B44
Table 2: A17.1/B44 Section 8 Requirements with Corollary Requirements in ISO 8100-271
Table 3: ISO 8100-1 Requirements Not Referred to in A17.1/B4492
Table 4: ISO 8100-2 Requirements Not Referred to in A17.1/B4499
Appendix A: Examples to Demonstrate Use of STP-SA-092
A Co.
the state of the s
and the second s
Jie sie de la company de l
tion of the second seco
Table 2: A17.1/B44 Section 8 Requirements with Corollary Requirements in ISO 8100-2

FOREWORD

This Standard Technology Publication (STP) provides a comparison between requirements in ASME A17.1/CSA B44 and ISO 8100-1 and ISO 8100-2.

About ASME

Established in 1880, the ASME is a professional not-for-profit organization with more than 100,000 members and volunteers promoting the art, science and practice of mechanical and multidisciplinary engineering and allied sciences. ASME develops codes and standards that enhance public safety, and provides lifelong learning and technical exchange opportunities benefiting the engineering and technology community. Visit https://www.asme.org/ for more information.

ASME ST-LLC is a not-for-profit Limited Liability Company, with ASME as the sole member, formed in 2004 to carry out work related to new and developing technology. ASME ST-LLC's mission includes meeting the needs of industry and government by providing new standards-related products and services, ec .ablis .re inform .re inform .c. Click to view the full path of And . Click to vie which advance the application of emerging and newly commercialized science and technology, and providing the research and technology development needed to establish and maintain the technical relevance of codes and standards. Visit http://asmestllc.org/ for more information.

iv

PREFACE

General

This STP-SA-092 is one of several such STP documents published by ASME ST-LLC.

STP-SA-092 may be used as a guide in identifying specific Clauses in ISO 8100-1 and ISO 8100-2 that could be considered in addition to or in place of requirements found in A17.1/B44, with the goal of achieving equivalency with the requirements of ISO 8100-1 and ISO 8100-2 where the scopes coincide. This would be particularly useful for electric elevator equipment providers that supply equipment that is conformant to A17.1/B44 who wish to review differences and deploy such equipment in areas that enforce ISO 8100-1 and ISO 8100-2 Standards.

Form and Arrangement

This report is advisory in nature. The Foreword and Preface provide background information to assist the user. The main technical content appears in Table 1, Table 2, Table 3 and Table 4.

Introduction

STP-SA-092 identifies Clause numbers from ISO 8100-1 and ISO 8100-2 for requirements to be used in addition to or in place of specific requirements in A17.1/B44. The content of the specific requirements is published in ISO 8100-1 and ISO 8100-2. STP-SA-092 is not a substitute for ISO 8100-1 and ISO 8100-2 and it does not evaluate or interpret requirements of those Standards. It is the responsibility of the user of STP-SA-092 to comply with the actual requirements in force in their particular jurisdictions.

Requirements for equipment not within the scope of At7.1/B44 and ISO 8100-1 and ISO 8100-2 are not addressed in STP-SA-092.

As a further clarification, it is emphasized that although differences exist in the various Standards, it does not imply that any Standard is superior to another Standard covering the same scope.

It should also be recognized that there are certain differences in approach pertaining to the requirements of A17.1/B44 and ISO 8100-1. The former lays out a set of minimum safety requirements and provides many specific parameters such as factors of safety, material properties, etc. The latter also provides specific parameters for many safety-related functions. There is, however, an underlying set of assumptions in ISO 8100-1 Clause 0.4 that applicable risks have been considered for each component that may be incorporated in a complete elevator.

It should be noted that in Table 1 and Table 2 of STP-SA-092, in some cases ISO 8100-1 Clause 0.4.3a) has been referenced in Columns 3 and 4, where no specific parameters have been identified. The purpose of this reference in Table 1 is to highlight that it is assumed that applicable risks have been considered and usual engineering practice has been applied. Where no specific parameter has been identified in Table 1 and Table 2 Column 3 (i.e. "None" is indicated), the assumptions that applicable risks have been addressed also applies.

1 SCOPE

The Scope of STP-SA-092 is limited to electric elevators within the scope of ISO 8100-1 and ISO 8100-2. Equipment within the scope of A17.1/B44 that is not within the scope of ISO 8100-1 and ISO 8100-2 is not addressed by STP-SA-092.

ASSMENGAMOC.COM. CICK to view the full politic of Assmers The Sanday 2010

2 REFERENCES

STP-SA-092 incorporates, by dated or undated reference, provisions from other publications. These references are cited at their appropriate place in STP-SA-092 and the publications are listed. For dated references, subsequent amendments to or revisions of any of these publications apply to STP-SA-092 only when incorporated by amendment or revision. For undated references, the latest edition would apply.

2.1 ASME Standards

ASME A17.1-2016 /CSA B44-16 Safety Code for Elevators and Escalators

ASME A17.2-2017 Guide for Inspection of Elevators, Escalators and Moving Walks

Publisher: The American Society of Mechanical Engineers (ASME), New York, NY (www.asme.org).

2.2 CEN Standards

EN 12385-5:2002 Steel wire ropes. Safety. Stranded ropes for lifts

EN 81-28:2018 Safety rules for the construction and installation of lifts. Lifts for the transport of persons and goods. Remote alarm on passenger and goods passenger lifts

EN 81-70:2018 Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lift. Accessibility to lifts for persons including persons with disability

EN 81-72:2015 Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Firefighters lifts

EN 81-73:2016 Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Behaviour of lifts in the event of fire

CEN/TS 81-76 Safety rules for the construction and installation of lifts - Particular applications for passengers and goods passenger lifts. Evacuation of disabled persons using lifts

EN 81-77:2018 Safety rules for the construction and installations of lifts. Particular applications for passenger and goods passenger lifts. Lifts subject to seismic conditions

EN ISO 12100:2010 Safety of machinery. General principles for design. Risk assessment and risk reduction

Publisher: British Standards Institute (BSI), London, United Kingdom (https://shop.bsigroup.com/)

2.3 ISO Standards

ISO 4190-5:2006 Lift (Elevator) installation – Part 5: Control devices, signals and additional fittings

ISO 8100-1:2019 Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods — Part 1: Passenger and goods passenger lifts

ISO 8100-2:2019 Safety rules for the construction and installation of lifts — Examinations and tests — Part 2: Design rules, calculations, examinations and tests of lift components

ISO/TS 8100-3:2019 Safety rules for the construction and installation of lifts — Lifts for the transport of persons and goods — Part 3: Requirements from Other Standards (ASME A17.1/CSA B44 and JIS A 4307-1/JIS A 4307-2) not included in ISO 8100-1 or ISO 8100-2

Publisher: International Organization for Standardization (ISO), Genève, Switzerland (www.iso.org).

ASMENGAMOC.COM. Cick to view the full pate of Asmes Str. Sanda 2020

3 **USE OF STP-SA-092**

3.1 Use of STP-SA-092 to Achieve Equivalence to ISO 8100-1 and ISO 8100-2

Products designed in compliance with specific requirements of A17.1/B44 may not be in compliance with specific prescriptive requirements in ISO 8100-1 and ISO 8100-2. By referring to Tables 1, 2, 3 and 4 of this technical report, specific prescriptive requirements of ISO 8100-1 and ISO 8100-2 that need to be addressed in addition to or in place of requirements of A17.1/B44 can be identified by the user.

Tables 1, 2, 3 and 4 provide guidance, however in all cases the relevant Standards must be consulted. 7.5A.0927

In each table, there are seven columns as follows:

- (a) Column 1 identifies the requirement number in A17.1/B44
- (b) Column 2 describes the subject matter
- (c) Column 3 identifies ISO 8100-1 or ISO 8100-2 related Clause
- (d) Column 4 identifies ISO 8100-1 or ISO 8100-2 Clause met by Column 1
- (e) Column 5 identifies ISO 8100-1 or ISO 8100-2 requirements to be addressed in addition to Column 1
- (f) Column 6 identifies ISO 8100-1 or ISO 8100-2 requirements to be addressed in place of A17.1/B44
- (g) Column 7 contains comments indicating if there are areas of difference

Note: Throughout STP-SA-092, the term "elevator" is used as that is the term used in A17.1/B44. Where as are us sare us are us and continue full click to view the full as a same of the full appropriate in Table 1 and Table 2, the term 'lift' is used as that is the term used in ISO 8100-1 and ISO 8100-2. There are other instances where different terms are used to describe similar items.

Table 1: ISO 8100-1 Requirements Requirer A17.1/B44 to be Used in Addition to or in Place of Requirements in

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 0 1	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s) i	
SECTION 2.1	Construction of Hoistways			4		
	and Hoistway Enclosures			COLL		
2.1.1	Hoistway Enclosures	5.2.5.2.1	5.2.5.2.1	6 3		
2.1.1.1	Fire Resistive Construction	5.2.1.8.1		5.2.1 .8.1		ISO 8100-1 has differing
		5.2.1.9		5.2.1.9		requirements
		5.2.5.2.1	5	5.2.5.2.1		
		5.2.5.2.2.1		5.2.5.2.2.1		
2.1.1.2	Non-Fire-Resistive	5.2.1.8.1	(1)	5.2.1.8.1		ISO 8100-1 has differing
	Construction	5.2.1.8.3	~e`	5.2.1.8.3		requirements
		5.2.1.9	1,41,	5.2.1.9		
		5.2.5.2.1	1	5.2.5.2.1		
		5.2.5.2.2.1	7	5.2.5.2.2.1		
2.1.1.3	Partially Enclosed Hoistways	5.2.1.2.3	5.2.1.2.3		5.2.5.2.3	ISO 8100-1 has differing
		5.2.5(2.3				requirements
2.1.1.4	Multiple Hoistways	5.2.5 .1.1	5.2.5.1.1			
2.1.1.5	Strength of Enclosure	5.2.1.8.2		5.2.1.8.2		ISO 8100-1 has differing
	~	5.2.1.8.3		5.2.1.8.3		requirements
	٧	Annex E-1		Annex E-1		
2.1.2	Construction at Top and					
	Bottom of Hoistway					
2.1.2.1	Construction at Top of	5.2.1.8.1		5.2.1.8.1		ISO 8100-1 has differing
	Hoistway	5.2.1.9		5.2.1.9		requirements
	OX	5.2.5.2.1		5.2.5.2.1		
		5.2.5.2.2.1		5.2.5.2.2.1		
2.1.2.2	Construction Bottom of	5.2.1.8.1		5.2.1.8.1		ISO 8100-1 has differing
	Hoistway	5.2.1.9		5.2.1.9		requirements
		5.2.5.2.1		5.2.5.2.1		

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 🗗	Comments
Requirement	, in the second	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
•		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s)`	
2.1.2.3	Strength of Pit Floor	5.2.1.8.4		5.2.1.8.4		ISO 8100-1 has differing
		5.2.1.8.5		5.2.1.8.5		requirements
		5.2.1.8.6		5.2.1.8.6		_
		5.2.1.8.7		5.2.1.8.7		
2.1.3	Floor Over Hoistway			<u>د</u>		
2.1.3.1	General Requirement	5.2.1.8.1		5.2.1.8.1		ISO 8100-1 has differing
		5.2.1.9	"X	5.2.1.9		requirements
		5.2.5.2.1	EUI!	5.2.5.2.1		
		5.2.5.2.2.1	@`	5.2.5.2.2.1		
2.1.3.2	Strength of Floor	5.2.1.8.1	1,411	5.2.1.8.1		ISO 8100-1 has differing
		Annex E1	, , ,	Annex E1		requirements
2.1.3.3	Construction of Floors	5.2.1.9	7	5.2.1.9		ISO 8100-1 has differing
		5.2.1.8.0		5.2.1.8.1		requirements
2.1.3.4	Area to be Covered by Floor	5.2.1.8.1		5.2.1.8.1		ISO 8100-1 has differing
		5.2. 1.9		5.2.1.9		requirements
		5.2.5.2.1		5.2.5.2.1		
		5.2.5.2.2.1		5.2.5.2.2.1		
2.1.4	Control of Smoke and Hot	5.2.1.3		5.2.1.3		ISO 8100-1 has differing
	Gases	Annex E3		Annex E3		requirements
2.1.5	Windows and Skylights	None				ISO 8100-1 has no
	, O					requirements
2.1.6	Projections, Recesses and	5.2.5.2.2.2		5.2.5.2.2.2		ISO 8100-1 has differing
	Setbacks in Hoistway					requirements
	Enclosures					
	25					
	<u> </u>		<u> </u>			

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 V	Comments
Requirement	-	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ś	
SECTION 2.2	Pits			4		
2.2.1	General	None		COLL		ISO 8100-1 has no
				83		requirements
2.2.2	Design and	5.2.1.8.1		5.2.1 .8.1		ISO 8100-1 has differing
	Construction of Pits	5.2.1.8.2		5.2.1.8.2		requirements
		5.2.1.8.4	5	5.2.1.8.4		
		5.2.1.8.5	N _X	5.2.1.8.5		
		5.2.1.8.6	1 the full ?	5.2.1.8.6		
		5.2.1.8.7	e`	5.2.1.8.7		
		5.2.1.8.8	111	5.2.1.8.8		
		5.2.1.8.9	12	5.2.1.8.9		
		5.2.1.9	7	5.2.1.9		
2.2.3	Guards Between Adjacent	5.2.1.90			5.2.1.9	ISO 8100-1 has differing
	Pits	5.2.5.5.2			5.2.5.5.2	requirements
2.2.4	Pit Access	5.2.2.4		5.2.2.4		ISO 8100-1 has differing
		. 5.2.3		5.2.3		requirements
		5.3.9.3.5		5.3.9.3.5		
		Annex F		Annex F		
2.2.5	Illumination of the Pit	5.2.1.4.1		5.2.1.4.1		ISO 8100-1 has differing requirements
2.2.6	Stop Switch in Pits	5.2.1.5.1		5.2.1.5.1		ISO 8100-1 has differing requirements
2.2.7	Minimum Pit Depth	None				ISO 8100-1 has no requirements
2.2.8	Access to Under Side of Car	None				ISO 8100-1 has no requirements
	P					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-1	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s) ·	
SECTION 2.3	Location and Guarding of			4		
	Counterweights			C Alle		
2.3.1	Location of	5.2.5.1.2		2	5.2.5.1.2	ISO 8100-1 has differing
	Counterweights			81		requirements
2.3.2	Counterweight Guards	5.2.5.5.1		4 5.2.5.5.1		ISO 8100-1 has differing
	_	5.2.5.5.2	~	5.2.5.5.2		requirements
		5.2.5.5.2.1	" \	5.2.5.5.2.1		_
		5.2.5.5.2.2	الله	5.2.5.5.2.2		
2.3.3	Remote Counterweight	5.2.5.1.2			5.2.5.1.2	ISO 8100-1 has differing
	Hoistways Counterweight		'ALL			requirements
	Runway Enclosures	. (N			_
2.3.4	Counterweight Runway	None 🕔	<i>y</i>			ISO 8100-1 has no
	Enclosures	×O				requirements
		- X-				
SECTION 2.4	Vertical Clearances and	cijo				
	Runbys for Cars and	. •				
	Counterweights	<i>V</i> .				
2.4.1	Bottom Car Clearances	5.2.5.6		5.2.5.6		ISO 8100-1 has differing
	20	5.2.5.8		5.2.5.8		requirements
2.4.2	Minimum Bottom Runby	None				ISO 8100-1 has no
	for Counterweighted					requirements
	Elevators					•
2.4.3	Minimum Bottom Runby	None				ISO 8100-1 has no
	for Uncounterweighted					requirements
	Elevators					-
2.4.4	Maximum Bottom Runby	None				ISO 8100-1 has no
	,					requirements

	1117:17:D44 Section 2 Requirements with Coronary Requirements in 150 0100-1							
Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7		
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10 V	Comments		
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1		
		Clauses	by Column	used in	used in place	is in conflict or there is a		
			1	addition to	of Column 1	difference)		
				Column 1	Ġ`			
2.4.5	Counterweight Runby	5.2.5.7.1	5.2.5.7.1			ISO 8100-1 has differing		
	Data Plate					requirements		
2.4.6	Maximum Upward	5.2.5.6		5.2.5.6		ISO 8100-1 has differing		
	Movement of the Car			ξ,		requirements		
2.4.7	Top of Car Clearances	5.2.5.6	5.2.5.6	4		ISO 8100-1 has differing		
		5.2.5.7	5.2.5.7) ,		requirements		
2.4.8	Top of Counterweight	5.2.5.6		5.2.5.6		ISO 8100-1 has differing		
	Clearances		(I)			requirements		
2.4.9	Equipment on Top of Car	5.2.5.7.2	'ile	5.2.5.7.2		ISO 8100-1 has differing		
	Not Permitted to Strike		7,77			requirements		
	Overhead Structure	;(317			2		
		7/						
SECTION 2.5	Hoistway Car and	1,40						
	Counterweight Clearances	40;						
2.5.1	Clearances Between Cars,	C),						
	Counterweights, and	•						
2.5.1.1	Between Car and Hoistway	None				ISO 8100-1 has no		
	Enclosures					requirements		
2.5.1.2	Between Car and	5.2.5.5.1			5.2.5.5.1	ISO 8100-1 has differing		
	Counterweight and					requirements		
	Counterweight Guard							
2.5.1.3	Between Cars in Multiple	5.2.5.5.2.2		5.2.5.5.2.2		ISO 8100-1 has differing		
	Hoistways					requirements		
2.5.1.4	Between Car and Landing	5.3.4.1		5.3.4.1		ISO 8100-1 has differing		
	Sills					requirements		

1111	1/D77 Section 2 Requi			ary itequii		V OIOO I
Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 9	Comments
Requirement	,	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
Î		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>د</u> ``	
2.5.1.5	Clearance Between Loading	5.2.5.3.1		5.2.5.3.1		ISO 8100-1 has differing
	Side of Car Platforms and	5.2.5.3.2		5.2.5.3.2		requirements
	Hoistways Enclosures			S,		•
2.5.1.6	Clearance Between Car	5.2.5.3.1		5.2.5.3.1		ISO 8100-1 has differing
	Platform Apron and Pit	5.2.5.3.2				requirements
	Enclosure)		
2.5.1.7	Measurement of Clearances	None	" \			ISO 8100-1 has
			(JII)			no requirements
SECTION 2.6	Protection of Space Below		18/1			
	Hoistways	. (1			
2.6.1	Where the Space is	5.2.5.4		5.2.5.4		ISO 8100-1 has differing
	Underneath the	×O				requirements
	Counterweight and/or Its	· 0, 40°				
	Guides	cijo				
2.6.2	Where the Space is	5.2.5.4		5.2.5.4		ISO 8100-1 has differing
	Underneath the Car and/or	<i>y</i> .				requirements
	Its Guides _ 🔾					
	C					
	\sim					
	, NORMDOC.					
	.07					

P	D44 Section 2 Requ	,		, 	p	r -
Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 0 1	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s``	
SECTION 2.7	Machinery Spaces,			4		
	Machine Rooms, Control			COULT -		
	Spaces and Control Rooms			S.		
2.7.1	Enclosure of Rooms and	3.27		K, T		ISO 8100-1 has no
	Spaces			√ 0		requirements
2.7.1.1	Fire-Resistive Construction	5.2.1.8.1	5.2.1.8.1	5.2.1.9		ISO 8100-1 has differing
		5.2.1.9	5.2.6.5.1	5.2.6.1		requirements
		5.2.6.1	1113	5.2.6.3.2		
		5.2.6.3.2		5.2.6.3.3		
		5.2.6.3.3	H			
		5.2.6.5.1	<i>1</i> 1			
2.7.1.2	Non-Fire-Resistive	5.2.1.8.1	5.2.1.8.1	5.2.1.8.3		ISO 8100-1 has differing
	Construction	5.2.1.8.3	5.2.6.5.1	5.2.1.9		requirements
		5.2.1.9		5.2.6.1		
		5.2.6.1		5.2.6.3.2.1		
		5.2.6.3.2.1		5.2.6.3.2.2		
	~	5.2.6.3.2.2		5.2.6.3.2.3		
	<u> </u>	5.2.6.3.2.3		5.2.6.3.2.4		
	ري. ص	5.2.6.3.2.4		5.2.6.3.2.5		
	\sim 0.	5.2.6.3.2.5		5.2.6.3.3		
	.~~	5.2.6.3.3				
		5.2.6.5.1				
2.7.1.3	Floors	5.2.6.3.2.4		5.2.6.3.2.4		ISO 8100-1 has differing
	.20	5.2.6.3.2.5		5.2.6.3.2.5		requirements
	CM.					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-1	Comments
Requirement	~ -,-,-	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
1		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	6	,
2.7.2	Maintenance Path and					
	Clearance			CAL.		
2.7.2.1	Maintenance Path in	5.2.6.3.2.1	5.2.6.3.2.1	8		ISO 8100-1 has differing
	Machine Rooms and Control	5.2.6.3.2.2	5.2.6.3.2.3	5.2.6.3.2.2		requirements
	Rooms	5.2.6.3.2.3	5.2.6.3.2.5	5 .2.6.7		
		5.2.6.3.2.5	5.2.6.3.3),		
		5.2.6.3.3	"X	•		
		5.2.6.7	(1)			
2.7.2.2	Maintenance Path in	5.2.6.4.1.2	5.2.6.4.1.2			ISO 8100-1 has differing
	Machinery Spaces and	5.2.6.7	5.2.6.7			requirements
	Control Spaces		<i>'</i> 1			
2.7.2.3	Maintenance Clearance in	5.2.6.3.2.1	5.2.6.3.2.3	5.2.6.3.2.1		ISO 8100-1 has differing
	Machine Rooms and Control	5.2.6.3.23	5.2.6.3.2.5	5.2.6.7		requirements
	Rooms	5.2.6.3.2.5	5.2.6.3.3			
		5.2.6.3.3				
		3.2.6.7				
2.7.2.4	Maintenance Clearance in	5.2.6.4.2		5.2.6.4.2		ISO 8100-1 has differing
	Machinery Spaces and	5.2.6.4.6		5.2.6.4.6		requirements
	Control Spaces	5.2.6.5.2		5.2.6.5.2		
	ζ0,	5.2.6.7		5.2.6.7		
2.7.3	Access to Machinery					
	Spaces, Machine Rooms,					
	Control Spaces and					
	Control Rooms					
2.7.3.1	General	5.2.2.1	5.2.2.1			ISO 8100-1 has differing
	CN.	Annex D	Annex D			requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 81000	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1		
2.7.3.2	Passage Across Roofs	5.2.2.5		×.	5.2.2.5	ISO 8100-1 has differing
				CN.		requirements
2.7.3.3	Means of Access	5.2.2		5.2,2		ISO 8100-1 has differing
		5.2.6.3.2.2		5.2.6.3.2.2		requirements
		5.2.6.3.2.3		4. 5.2.6.3.2.3		
		5.2.6.3.2.4	5	5.2.6.3.2.4		
		5.2.6.3.2.5	N _X	5.2.6.3.2.5		
		Annex D	(1)	Annex D		
		Annex F	(A)	Annex F		
2.7.3.4	Access Doors and Openings	5.2.3	5.2.3	5.2.3.3		ISO 8100-1 has differing
		5.2.3.3	5.2.4			requirements
		5.2.4				
2.7.3.5	Stop Switch for Machinery	5.2.1.5.0	5.2.1.5.1			ISO 8100-1 has differing
	Spaces or Control Spaces	5.2.115.2	5.2.1.5.2			requirements
		5.4.8	5.4.8			
		5.12.1.11	5.12.1.11			
2.7.4	Headroom in Machinery	5.2.6.3.2.1	5.2.6.3.2.1			ISO 8100-1 has differing
	Spaces, Machine Rooms	5.2.6.3.2.2	5.2.6.3.2.2	5.2.6.7.1.1		requirements
	Control Spaces and	5.2.6.4.1.2	5.2.6.4.1.2			
	Control Rooms	5.2.4.4.2.1	5.2.4.4.2.1			
		5.2.6.7.1.1				
2.7.5	Working Areas Inside the					
	Hoistway and in the Pit					
2.7.5.1	Working Areas in the Car or	5.2.6.4.1.3	5.2.6.4.3	5.2.6.4.1.3		ISO 8100-1 has differing
	on the Car Top	5.2.6.4.3		5.6.1.2		requirements
	CN.	5.6.1.2				

111/01	i/D77 Section 2 Requ			ary itequii		V OIOO I
Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 0 1	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ġ	
2.7.5.2	Working Areas in the Pit	5.2.6.4.1.3	5.2.6.4.4	5.2.6.4.1.3		ISO 8100-1 has differing
		5.2.6.4.4		5.6.2.1		requirements
		5.6.2.1		S.		
2.7.5.3	Working Platforms	5.2.6.4.1.3	5.2.6.4.5	5.2.6.4.1.3		ISO 8100-1 has differing
		5.2.6.4.5		ر ⁰		requirements
2.7.5.4	Working Platforms in the	5.2.6.4.1.3	5.2.6.4.5.1	5.2.6.4.1.3		ISO 8100-1 has differing
	Line of Movement of the Car	5.2.6.4.5.1	5.2.6.4.5.2	*		requirements
	or Counterweight	5.2.6.4.5.2	الري			
2.7.5.5	Retractable Stops	5.2.6.4.1.3	5.2.6.4.5.2	5.2.6.4.1.3		ISO 8100-1 has differing
		5.2.6.4.5.2 (b)	(b)			requirements
2.7.6	Location of Machinery	. 0	,17			
	Spaces, Machine Rooms,	1/1				
	Control Spaces, Control	70				
	Rooms and Equipment					
2.7.6.1	Location of Machine Rooms	3.27	3.27			ISO 8100-1 has differing
	and Control Rooms	3.28	3.28			requirements
2.7.6.2	Location of Machinery	3.28	3.28			ISO 8100-1 has differing
	Spaces and Control Spaces	3.29	3.29			requirements
2.7.6.3	Location of Equipment	5.2.1.1.1	5.2.1.1.1			ISO 8100-1 has differing
		5.2.6.3.1	5.2.6.3.1			requirements
		5.6.2.2.1.4	5.6.2.2.1.4			

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ś	
2.7.6.4	Means Necessary for Tests	5.2.6.4.3.2	5.2.6.4.3.2	5.9.2.3.3	5.6.2.2.2	ISO 8100-1 has differing
		5.2.6.4.4.3	5.2.6.4.4.3	C MIL		requirements
		5.2.6.4.5.7	5.2.6.4.5.7	S.		_
		5.2.6.6	5.2.6.6	ORSHI		
		5.6.2.2.2	5.6.6.6	6		
		5.6.6.6	5.6.7.10	$\mathcal{O}_{\mathbf{z}}$		
		5.6.7.10	5.9.2.3.2	Y		
		5.9.2.3.2	11/13			
		5.9.2.3.3	0			
2.7.6.5	Inspection and Test Panel	5.2.6.4.3	5.2.6.4.3			ISO 8100-1 has differing
	_	5.2.6.4.4	5.2.6.4.4			requirements
		5.2.6.4.5	5.2.6.4.5			-
		5.2.6.6	5.2.6.6			
2.7.6.6	Equipment Exposure to	5.2.6.4.1.1	5.2.6.4.1.1			ISO 8100-1 has differing
	Weather	5.2.6.1	5.2.6.1			requirements
2.7.7	Machine Rooms and	3.2.1.8	5.2.1.8			ISO 8100-1 has differing
	Control Rooms	5.2.5.4	5.2.5.4			requirements
	Underneath the Hoistway					
2.7.8	Remote Machine Rooms	None				ISO 8100-1 has no
	and Control Rooms					requirements
2.7.9	Lighting, Temperature and	5.2.1.4.2	5.2.1.4.2			ISO 8100-1 has differing
	Humidity in Machinery	Annex E3	Annex E3			requirements
	Spaces, Machine Rooms,					Ŷ
	Control Spaces and					
	Control Rooms					
	CN,					
	····		-			!

Column 1 A17.1/B44 Requirement	Column 2 Subject	Column 3 ISO 8100-1 Related Clauses	Column 4 ISO 8100-1 Clauses Met by Column 1	Column 5 ISO 8100-1 Clauses to be used in addition to	Column 6 ISO 8100-D Clauses to be used in place of Column 1	Column 7 Comments (note where ISO 8100-1 is in conflict or there is a difference)
SECTION 2.8	Equipment in Hoistways, Spaces, Machine Rooms, Co and Control Roo	ontrol Spaces,		Column 1	3	
2.8.1	Equipment Allowed	5.2.1.2.1	5.2.1.2.1	<u> </u>		
2.8.2	Electrical Equipment and Wiring	5.2.1.2	ó	5.2.1.2		ISO 8100-1 has differing requirements
2.8.3	Pipes, Ducts, Tanks and Sprinklers	5.2.1.2.1	5.2.1.2.1			ISO 8100-1 has differing requirements
2.8.4	Electrical Heaters	5.2.1.2.1(a) Annex E3	'ile	5.2.1.2.1(a) Annex E3		ISO 8100-1 has differing requirements
2.8.5	Air Conditioning	5.2.1.2.1(a) Annex E3	5.2.1.2.1(a) Annex E3			*
2.8.6	Miscellaneous Equipment	5.2.1.2.0			5.2.1.2.1	ISO 8100-1 has differing requirements
SECTION 2.9	Machinery and Sheave Beams, Supports, and Foundations);				
2.9.1	Machinery and sheave beams, supports and foundations	5.2.1.8			5.2.1.8	ISO 8100-1 has differing requirements. (See also local Building Codes)
2.9.2	Loads on Machinery and Sheave Beams, Floors, or Foundations and Their Supports	Annex E1			Annex E1	ISO 8100-1 has differing requirements

		Clauses	Clauses Met by Column 1	Clauses to be used in addition to Column 1	ISO 8100-1 Clauses to be used in place of Column 1	Comments (note where ISO 8100-1 is in conflict or there is a difference)
	Securing of Machinery and Equipment to Beams, Foundations, Guide Rails, Structural Walls, or Floors	None		t ASME		ISO 81001-1 has no requirements
	Allowable Stresses for Machinery and Sheave Beams or Floors, Their Supports and Any Support Members That Transmit Load to the Guide Rails or Structural Walls	5.2.1.8.1	withe full P	\$	5.2.1.8.1	ISO 8100-1 has differing requirements
	Allowable Deflections for Machinery and Sheave Beams or Floors, Their Supports and Any Support Members That Transmit Load to the Guide Rails or Structural Walls	5.2.1.8.4 N Annex E2			5.2.1.8.4 Annex E2	ISO 8100-1 has differing requirements
2.9.6	Allowable stress due to emergency braking	5.2.1.8.4	5.2.1.8.4			ISO 8100-1 has differing requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s'	
SECTION 2.10	Guarding of Equipment			4		
	and Standard Railing					
2.10.1	Guarding of Equipment	5.5.7		5.5.7 5.4.11.3		ISO 8100-1 has differing
		5.4.11.3		5.4.11.3		requirements
				4		
			<u> </u>),		A17.1/B44 does not
			"X			require protection around
			(II)			counterweight pulleys
2.10.2	Standard Railing	5.4.7.4	,_e`	5.4.7.4		ISO 8100-1 has differing
			'All'			requirements
		• 6	7,			
SECTION 2.11	Protection of Hoistway	7/1				
	Openings	χO				
2.11.1	Entrances and Emergency	45.				
	Doors Required					
2.11.1.1	Hoistway Landing Entrances	5.3.1.1	5.3.1.1	5.3.2.2		ISO 8100-1 has differing
		5.3.1.3	5.3.1.3			requirements
	ς <mark>O</mark>	5.3.2.1	5.3.2.1			
		5.3.2.2				
2.11.1.2	Emergency Doors in Blind	5.2.3.1	5.2.3.1	5.2.3.2 (d)		ISO 8100-1 has differing
	Hoistways	5.2.3.2	5.3.2.3	5.2.3.3 (a);	5.2.4.2	requirements
	OM,	5.2.3.3	5.2.3.3 (b);	(d); (e); (f)		
	.07	5.2.4.2	(c)			
			•			
2.11.1.3	Telephone as Alternate to	None			5.2.3	ISO 8100-1 has no
	Emergency Doors					requirements concerning
						use of Telephones

Column 1 A17.1/B44	Column 2 Subject	Column 3 ISO 8100-1	Column 4 ISO 8100-1	Column 5 ISO 8100-1	Column 6 ISO 8100-9	Column 7 Comments
Requirement	Subject	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
1		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1		
2.11.1.4	Access Openings for	5.2.3.2	5.3.2.3	5.2.3.2 (a)	5.2.4.2	ISO 8100-1 has differing
	Cleaning of Car and	5.2.3.3	5.2.3.3 (b);	5.2.3.3 (a);		requirements
	Hoistway Entrances	5.2.3.4	(c)	(d); (e); (f)		
2 11 2		5.2.4.2		· Š		
2.11.2	Types of Entrances	~ ^		V-0-6000		TGC 0100 11 1155
2.11.2.1	Types of Entrances:	5.3	5.3	5.3.6.2.2.3		ISO 8100-1 has differing
2 11 2 2	Passenger Elevators	<i>5</i> 2	5.0			requirements
2.11.2.2	Types of Entrances: Freight Elevators	5.3	5.8			ISO 8100-1 does not address Freight Elevators
2.11.2.3	Limitations of Use of	5.3	5.3			ISO 8100-1 has no
2.11.2.3	Center-Opening Swinging	5.5	N 5.3			limitations
	Entrances	i.				mintations
2.11.3	Closing of Hoistway Doors	×O				
2.11.3.1	Door Closers	5.3.913.4	5.3.9.3.4		5.3.12	ISO 8100-1 has differing
		5.3.12				requirements
2.11.3.2	Location of Door Closer	None				ISO 8100-1 does not
	~					address the location of
	ږې					the door closer
2.11.4	Location of Horizontally					
	Sliding or Swinging					
	Hoistway Poors					
2.11.4.1	OZ.	5.3.4.1			5.3.4.1	ISO 8100-1 has differing
2.11.4.2	(O)	5.3.4.2			5.3.4.2	requirements
0 11 5	D. C. C.	5.3.4.3	5.2		5.3.4.3	ICO 0100 1 1
2.11.5	Projection of Entrances	5.3	5.3			ISO 8100-1 does not address projection
	and Other Equipment Beyond the Landing Sills					beyond the landing sills
	E Peyona me Landing Sins					beyond the failuring sills

nn 5 Column 6 Column 7
00-1 ISO 8100 Comments
to be Clauses to be (note where ISO 8100-1
in used in place is in conflict or there is a
on to of Column 1 difference)
nn 1
ISO 8100-1 has differing
requirements
5.3.15.1 ISO 8100-1 has differing
requirements
0.3.3 ISO 8100-1 does not
address additional door
devices
5.1.1 ISO 8100-1 has differing
requirements
5.3.7.2.1 (a) ISO 8100-1 has differing
5.3.6.1 requirements
5.3.5.3.4 ISO 8100-1 has differing
5.3.5.3.5 requirements
5.3.5.3.6
5.3.5.3.7
5.3.6.1
5.1.1 ISO 8100-1 does not
address guides or
restraints
5.3.9.1.1 ISO 8100-1 has differing
requirements

111/11	I/DTT SCCHOII 2 NCqu			ary rioquii		V OIOO I
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-1	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
0.11.0.0	D 0 .:	5262		Column 1	5262	IGO 0100 11 1'00 '
2.11.9.2	Power Operation	5.3.6.2			5.3.6.2	ISO 8100-1 has differing requirements
2.11.10	Landing-Sill Guards,			No.		
	Landing-Sill Illumination,			٧,		
	Hinged Landing Sills, and			4		
	Tracks on Landings)`		
2.11.10.1	Landing-Sill Guards	5.2.5.3.2	"X	5.2.5.3.2		ISO 8100-1 has differing
			(ال)			requirements
2.11.10.2	Illumination at Landing Sills	5.3.7.1	~e`	5.3.7.1		ISO 8100-1 has differing
			1/1/			requirements
2.11.10.3	Hinged Hoistway Landing	5.3.3.1	5.3.3.1			ISO 8100-1 does not
	Sills	7/				address hinged sills
2.11.11	Entrances, Horizontal	×O				
	Slide Type	**				
2.11.11.1	Landing Sills	5.3.3.1	5.3.3.1			
2.11.11.2	Hangers, Tracks and Track	5.3.5.3			5.3.5.3	ISO 8100-1 has differing
	Supports					requirements
2.11.11.3	Entrance Frames C	5.3.5.2			5.3.5.2	ISO 8100-1 has differing
	ري	Annex E: E.1			Annex E: E.1	requirements
2.11.11.4	Hangers	5.3.3.2.1	5.3.3.2.1			

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	\$	
2.11.11.5	Panels	5.3.1.3	5.3.6.1	of ASME	5.3.1.3	ISO 8100-1 has differing
		5.3.1.4	5.3.6.2.2.1	Chi	5.3.1.4	requirements
		5.3.5.2	(g)		5.3.5.2	
		5.3.5.3.1		٨,	5.3.5.3.1	See also ISO 8100-2;
		5.3.5.3.3		4	5.3.5.3.3	Requirement 5.14
		5.3.6.1) ,	ISO 8100-2:	(Pendulum Shock Test)
		5.3.6.2.2.1 (g)	"X		5.14	
		ISO 8100-2:	EUI!			
		5.14				
2.11.11.6	Bottom Guides	5.3.3.2	5.3.3.2			ISO 8100-1 has differing
			71			requirements
2.11.11.7	Multi-panel Entrances	5.3.11.1	5.3.11.1		5.3.11.3	ISO 8100-1 has differing
		5.3.11.2	5.3.11.2			requirements
		5.3.11.3				
2.11.11.8	Hoistway Door Safety	5.3.5.3.2			5.3.5.3.2	ISO 8100-1 has differing
	Retainers					requirements
2.11.11.9	Beams, Walls, Floors and	None			Annex E: E.1	ISO 8100-1 has no
	Supports					requirements
2.11.11.10	Hoistway Door to Sill	5.3.1.4			5.3.1.4	ISO 8100-1 has differing
	Clearance					requirements
2.11.12	Entrances, Vertical Slide				5.3.4.3	
	Туре					
2.11.12.1	Landing Sills	5.3.3.1	5.3.3.1			ISO 8100-1 has differing
						requirements
2.11.12.2	Entrance Frames	5.3.5.2			5.3.5.2	ISO 8100-1 has differing
	P	Annex E: E.1			Annex E: E.1	requirements

F	/D44 Section 2 Requ		,	, 	,	· - y
Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100+10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	S	
2.11.12.3	Rails	5.3.3.2	5.3.3.2	4	5.3.5.3.1	ISO 8100-1 has differing
		5.3.5.3.1		ERM	5.3.5.3.4	requirements
		5.3.5.3.4		S.	Annex E: E.1	_
		Annex E: E1		K 1		
2.11.12.4	Panels	5.3.1.3	5.3.5.1	5.3.1.4	5.3.1.3	ISO 8100-1 has differing
		5.3.1.4		5.3.6.1	5.3.5.3.1	requirements
		5.3.5.1	" \	Y	5.3.5.3.4	
		5.3.5.3.1	الله		Annex E: E.1	See also ISO 8100-2;
		5.3.5.3.4	"the full pr		ISO 8100-2:	Requirement 5.14
		5.3.6.1	HILL		5.14	(Pendulum Shock Test)
		Annex E: E.1	12.			
		ISO 8100-2:	9			
		5.14				
2.11.12.5	Guides	5.3.3.2	5.3.3.2		5.3.5.3.1	ISO 8100-1 has differing
		5.3.5 .3.1			5.3.5.3.4	requirements
		5.3.5.3.4				
2.11.12.6	Counterweighting or 🔪	5.1.1			5.1.1	ISO 8100-1 has differing
	Counterbalancing Counterbalancing	5.3.3.3			5.3.3.3	requirements
2.11.12.7	Sill Guards	5.1.1			5.1.1	ISO 8100-1 has differing
						requirements
2.11.12.8	Pull Straps	None				ISO 8100-1 has no
	OZ,					requirements
2.11.13	Entrances, Swinging Type					
2.11.13.1	Landing Sills	5.3.3.1	5.3.3.1			ISO 8100-1 has differing
						requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>S</u>	
2.11.13.2	Entrance Frames	5.3.5.3.1		×.	5.3.5.3.1	ISO 8100-1 has differing
		5.3.5.3.4		CVI.	5.3.5.3.4	requirements
		5.3.5.2		SIN	5.3.5.2	
2.11.13.2	Panels	5.1.1	5.1.1		5.3.1.3	ISO 8100-1 has differing
		5.3.1.3		4	5.3.1.4	requirements
		5.3.1.4) `	5.3.5.2	
		5.3.5.2	"X		5.3.5.3.1	See also ISO 8100-2;
		5.3.5.3.1	الله		5.3.5.3.4	Requirement 5.14
		5.3.5.3.4	e`		ISO 8100-2:	(Pendulum Shock Test)
		ISO 8100-2:	5.1.1		5.14	
		5.14	J ¹			
2.11.13.4	Hinges	None None)			ISO 8100-1 has no
		χO				requirements
2.11.13.5	Entrances with Combination	None				ISO 8100-1 has no
	Horizontally Sliding and	cillo				requirements
	Swinging Panels	. •				
2.11.14	Fire Tests	5.3.5.2			5.3.5.2	ISO 8100-1 has differing
	<u>, O</u>					requirements
2.11.15	Marking \sim \hookrightarrow					
2.11.15.1	Labeling of Tested Entrance	Annex B			Annex B	ISO 8100-1 has differing
	Assembly					requirements
2.11.15.2	Other Entrance Assemblies	5.3.5.2			5.3.5.2	ISO 8100-1 has differing
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					requirements
2.11.15.3	Entrances Larger Than	5.3.5.2			5.3.5.2	ISO 8100-1 has differing
	Tested Assemblies					requirements
2.11.16	Factory Inspections	None				ISO 8100-1 has no
	<b>P</b>					requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 <del>0 1</del>	Comments
Requirement	-	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ś	
2.11.17	Transoms and Fixed Side Panels	0.3.3			0.3.3	ISO 8100-1 has differing requirements
2.11.18	Installation Instructions	6.2		( AS	6.2	ISO 8100-1 has differing requirements
2.11.19	Gasketing of Hoistway	0.3.3		4	0.3.3	ISO 8100-1 has differing
	Entrances	5.3.5.2		),	5.3.5.2	requirements
			1/			
SECTION 2.12	Hoistway Door Locking Devices and Electric Contacts, and Hoistway Access Switches	. (	Mileling			
2.12.1	General	7/				
2.12.1	Unlocking Zone	5.3.810	5.3.8.1			ISO 8100-1 has differing
	ر ن م	5.3.840 Ciick				requirements ISO 8100-1 does not address Freight Elevators. Requirements for Passenger Elevators would apply.
2.12.1.1	Car Stopped in the Unlocking Zone	5.3.15		5.3.15		ISO 8100-1 has differing requirements
2.12.1.2	Car Outside the Unlocking Zone	5.3.9.3.1			5.3.9.3.1	ISO 8100-1 has differing requirements. See also A17.1/B44 2.12.2
2.12.1.3	Locking Doors out of	5.3.9.3.1			5.3.9.3.1	ISO 8100-1 has differing
	Service	5.3.15			5.3.15	requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 <del>0 1</del>	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ś	
2.12.1.4	Interlocks Required	5.3.9.1		4	5.3.9.1	ISO 8100-1 has differing
				SML		Requirements. See also
				8		A17.1/B44 2.12.2
2.12.1.5	Mechanical Locks and	5.3.9.1	the full by	×,	5.3.9.1	ISO 8100-1 has differing
	Contacts on Freight			4		requirements. ISO 8100-
	Elevators			<b>)</b> ,		1 does not address
			"X			Freight Elevators.
			ETI.			Requirements for
			<u>,</u> @`			Passenger Elevators
			<i>' ' ' ' ' ' ' ' ' '</i>			would apply.
2.12.2	Interlocks		77			
2.12.2.1	General	5.3.9.1.1	5.3.9.1.1			
2.12.2.2	Closed Position of Hoistway	None				ISO 8100-1 has no
	Doors	**				requirements
2.12.2.3	Operation of Driving	5.3.8.2	5.3.8.2			ISO 8100-1 has differing
	Machine With Hoistway	· · ·				requirements
	Door Unlocked or Not in					
	Closed Position					
2.12.2.4	General Design	5.3.9.1.4			5.3.9.1.4	ISO 8100-1 has differing
	Requirements	5.3.9.1.5			5.3.9.1.5	requirements
		5.3.9.1.9			5.3.9.1.9	
	2N	5.3.9.1.10			5.3.9.1.10	
	.0~	5.3.9.1.11			5.3.9.1.11	
		5.3.9.4			5.3.9.4	
2.12.2.4.1	Opening Locking Member	5.3.9.1.3	5.3.9.1.3			ISO 8100-1 has differing
	C)"	5.3.10	5.3.10			requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 <del>0 1</del>	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s) i	
2.12.2.4.2	Maintaining Locking	5.3.9.1.6	5.3.9.1.8	5.3.9.1.6		ISO 8100-1 has differing
	Member	5.3.9.1.8		colle		requirements
2.12.2.4.3	Engagement	5.3.9.1.2	5.3.9.1.2	83.		
2.12.2.4.4	Multi-Section Doors	5.3.11.1		8,1	5.3.11.1	ISO 8100-1 has differing
		5.3.11.2		<b>√</b> 0	5.3.11.2	requirements
		5.3.11.3	<u> </u>	<b>)</b> ,	5.3.11.3	_
			"X	54 OT 18		
			()			
2.12.2.4.5	Single Master Switch	5.3.9.1.1	5.3.9.1.1			ISO 8100-1 has differing
		5.3.9.4.1	5.3.9.4.1			requirements
2.12.2.4.6	Mercury Tube Switch	5.3.9.1.1	5.3.9.1.1			ISO 8100-1 has differing
		5.3.9.4.1	5.3.9.4.1			requirements
2.12.2.5	Interlock Retiring Cam	None				ISO 8100-1 has no
	Device	1				requirements
2.12.2.6	Location	<b>5.3.1</b> 0.1	5.3.10.1			
2.12.3	Hoistway Door	5.3.9.1			5.3.9.1	ISO 8100-1 has differing
	Combination Mechanical	5.3.9.4			5.3.9.4	requirements
	Locks and Electric					
	Contracts _ 🗸					
2.12.4	Listing/Certification Door	5.3.9.1.7			5.3.9.1.7	ISO 8100-1 has differing
	<b>Locking Devices and Door</b>	5.3.9.1.12			5.3.9.1.12	requirements.
	or Gate Electric Contacts	5.3.9.1.13			5.3.9.1.13	
	.07	ISO 8100-2:			ISO 8100-2:	See also ISO 8100-2;
		5.2			5.2	Requirement 5.2 (Type
						examination of landing
	ASMENORA					and car door locking
						devices)

<b>Column 1</b> A17.1/B44	Column 2 Subject	<b>Column 3</b> ISO 8100-1	<b>Column 4</b> ISO 8100-1	Column 5 ISO 8100-1	Column 6 ISO 8100-P	Column 7 Comments
Requirement	_	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>S</u>	
2.12.6	Hoistway Door Unlocking Devices			COME		
2.12.6.1	General	5.3.9.3.1	5.3.9.3.1	8		
2.12.6.2	Location and Design	5.3.9.3.2		ار کی	5.3.9.3.2	ISO 8100-1 has differing
		5.3.9.3.3		4	5.3.9.3.3	requirements
		5.3.9.3.5	. 2	<b>)</b> ,	5.3.9.3.5	
			5.3.9.3.1			
2.12.7	Hoistway Access Switches	None	N			ISO 8100-1 has no requirements
		1)				
SECTION 2.13	Power Operation of	., 100				
	Hoistway Doors and Car	40;				
	Doors	C),				
2.13.1	Types of Doors and Gates	• 5.3.6.2.2			5.3.6.2.2	ISO 8100-1 has differing
	Permitted	5.3.6.2.3			5.3.6.2.3	requirements
2.13.2	Power Opening.					
2.13.2.1	Power Opening of Car Doors	None				ISO 8100-1 has differing
	or Gates	Except				requirements
	2N	Folding Doors				
		5.3.6.2.2.1 (e)				
2.13.2.2	Power Opening of Hoistway	None				ISO 8100-1 has differing
	Doors	Except				requirements
	5	Folding Doors				
	<u> </u>	5.3.6.2.2.1 (e)				

	117.17.1944 Section 2 Requirements with Coronary Requirements in 150 0100 1									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7				
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments				
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1				
		Clauses	by Column	used in	used in place	is in conflict or there is a				
			1	addition to	of Column 1	difference)				
				Column 1	Ġ					
2.13.3	Power Closing			<b>~</b>						
2.13.3.1	Power Closing or Automatic	None		L O'R SM'		ISO 8100-1 has no				
	Self-Closing of Car Doors or			N N		requirements				
	Gates Where Used With			Α,						
	Manually Operated or Self-			4						
	Closing Hoistway Doors			)						
2.13.3.2	Power Closing of	5.3.6.2.2.2	"X		5.3.6.2.2.2	ISO 8100-1 has differing				
	Horizontally Sliding		(1/1)			requirements				
	Hoistway Doors and									
	Horizontally Sliding Car		"the full y							
	Doors or Gates by	. 0	11							
	Continuous Pressure Means		)							
2.13.3.3	Power Closing of	5.3.6.2.2	5.3.6.3		5.3.6.2.2	See A17.1/B44 2.13.4				
	Horizontally Sliding	5.3.6.3								
	Hoistway Doors and	cillo								
	Horizontally Sliding Car	.0								
	Doors or Gates by	$\mathcal V$ .								
	Momentary Pressure or									
	Automatic Means O									
2.13.3.4	Power Closing of Vertically	5.3.6.2.2.3	5.3.6.3		5.3.6.2.2.3	ISO 8100-1 has differing				
	Sliding Hoistway doors and	5.3.6.3				requirements				
	Vertically Sliding Car Doors									
	or Gates									

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>S</u>	
2.13.4	Closing Limitations for			×		
	Power-Operated			SM		
	Horizontally Sliding			( PS		
	Hoistway Doors and Horizontally Sliding Car			, 0		
	Doors or Gates		<	F OF ASHIE		
2.13.4.1	Where Required	5.3.6.2.1	. (?	<b>V</b>	5.3.6.2.1	ISO 8100-1 has differing
	1	5.3.6.2.2.1(h)	1113		5.3.6.2.2.1(h)	requirements
		5.3.6.2.2.1(i)	0,		5.3.6.2.2.1(i)	•
2.13.4.2	Closing Mechanism		H			
2.13.4.2.1	Kinetic Energy	5.3.6.2.2.1 (a)	5.3.6.2.2.1		5.3.6.2.2.1	ISO 8100-1 has differing
		5.3.6.2.2.1	(a)		(b)(4)	requirements
		(b)(4)O				
2.13.4.2.2	Door Travel in the Code	5.3.6.2.2.1(a)			5.3.6.2.2.1(a)	ISO 8100-1 has differing
	Zone Distance					requirements
2.13.4.2.3	Door Force	5.5.6.2.2.1(c)			5.5.6.2.2.1(c)	ISO 8100-1 has differing
212121						requirements
2.13.4.2.4	Data Plate	None				ISO 8100-1 has no
2.12.5	<b>D</b> · D · -(0)	526221(1)			5 2 6 2 2 1(1-)	requirements
2.13.5	Reopening Device for Power-Operated	5.3.6.2.2.1(b) 5.5.6.2.2.1(d)			5.3.6.2.2.1(b) 5.5.6.2.2.1(d)	ISO 8100-1 has differing requirements
	Horizontally Sliding Car	3.3.0.2.2.1(u)			3.3.0.2.2.1(u)	requirements
	Doors or Gates					
2.13.6	Sequence Operation for	5.3.6.2.2.3 (d)	5.3.6.2.2.3			
2.13.0	Power-Operated Hoistway	2.3.0.2.2.3 (d)	(d)			
	Doors with Car Doors or		(-)			
	Gates					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1		
				<b>~</b>		
SECTION 2.14	Power Operation of			Chir		
	Hoistway Doors and Car			ASIA		
	Doors			81		
2.14.1	Passenger and Freight Enclosures, General		~	<b>5</b>		
2.14.1.1	Enclosure Required	5.4.3.1	III	5.4.3.1		ISO 8100-1 has differing requirements
2.14.1.2	Securing of Enclosures	None	"He			ISO 8100-1 has no requirements
2.14.1.3	Strength and Deflection of	5.4.3.2	77	5.4.3.2		ISO 8100-1 has differing
	Enclosure	5.4.3.2.2	7	5.4.3.2.2		requirements
	Walls	×O				
2.14.1.4	Number of Compartments in	None				ISO 8100-1 has no
	Passenger and	Cillo				requirements
	Freight Elevator Cars	. ~				
2.14.1.5	Top Emergency Exits	5.4.3.1 (b)	5.4.3.1 (b)	5.4.6		ISO 8100-1 has differing
		5.4.6				requirements
2.14.1.6	Car Enclosure Tops	5.4.3.2		5.4.3.2		ISO 8100-1 has differing
	200	5.4.7.1		5.4.7.1		requirements
		5.4.7.5		5.4.7.5		
0.14.1.7	D ::: 200	5.4.7.6		5.4.7.6		IGO 0100 11 1'cc '
2.14.1.7	Railing and Equipment on	5.4.7.2		5.4.7.2		ISO 8100-1 has differing
	Car Enclosure Top	5.4.7.3		5.4.7.3		requirements
		5.4.7.4		5.4.7.4		

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 (1)	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ġ\	
2.14.1.8	Glass in Elevator Cars	5.4.3.2.3		5.4.3.2.3		ISO 8100-1 has differing
		5.4.3.2.4		5.4.3.2.4		requirements
		5.4.3.2.5		5.4.3.2.5		
		5.4.3.2.6		5.4.3.2.6		
		5.4.3.3		5.4.3.3		
2.14.1.9	Equipment Inside Cars	None		Ò,		ISO 8100-1 has no requirements
2.14.1.10	Side Emergency Exits	5.4.6.2	5.4.6.2			A17.1/B44 does not
						permit emergency doors
			H			between adjacent cars
2.14.2	Passenger-Car Enclosures		,11			
2.14.2.1	Material for Car Enclosures,	5.4.4	7	5.4.4		ISO 8100-1 has differing
	Enclosure	×O				requirements
	Linings, and Floor Coverings	**				
2.14.2.2	Openings Prohibited	None				ISO 8100-1 has no
		. •				requirements
2.14.2.3	Ventilation	5.4.3.1 (c)		5.4.3.1 (c)		ISO 8100-1 has differing
	٥٦	5.4.9		5.4.9		requirements
2.14.2.4	Headroom in Elevator Cars	5.4.1	5.4.1			
2.14.2.5	Vision Panels	5.4.3.2.3		5.4.3.2.3		ISO 8100-1 has differing
						requirements
2.14.2.6	Access Panels	None				ISO 8100-1 has no
	OL					requirements
2.14.3	Freight-Car Enclosure					
2.14.3.1	Enclosure Material	5.4.4		5.4.4		ISO 8100-1 has differing
•			1	:		requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 <del>0 1</del>	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ġ	
2.14.3.2	Openings in Car Tops	5.4.3.1 (b)	5.4.3.1 (b)	5.4.6		ISO 8100-1 has differing
		5.4.6		C MIL		requirements
2.14.3.3	Ventilation	5.4.3.1 (c)		5.4.3.1 (c)		ISO 8100-1 has differing
		5.4.9		<b>5.</b> 4.9		requirements
2.14.4	Passenger and Freight Car	5.3		5.3		ISO 8100-1 has differing
	Doors and Gates,	5.4.3.1 (a)	S	5.4.3.1 (a)		requirements
	General Requirements		1/			
2.14.4.1	Where Required	5.3.1	ETH.	5.3.1		ISO 8100-1 has differing
			<u>,</u> @`			requirements
2.14.4.2	Door and Gate Electric	None	111.			ISO 8100-1 has no
	Contacts and Door	•. (	77			requirements
	Interlocks	7/				
2.14.4.3	Type and Material for Doors	5.3.1.20		5.3.1.2		ISO 8100-1 has differing
		**				requirements
2.14.4.4	Type of Gates.	None				ISO 8100-1 has no
		. ~				requirements
2.14.4.5	Location	5.3.4.3		5.3.4.3		ISO 8100-1 has differing
	<u>Q</u>					requirements
2.14.4.6	Strength of Doors, Gates,	5.3.3.1		5.3.3.1		ISO 8100-1 has differing
	and Their Guides,	5.3.3.2		5.3.3.2		requirements
	Guide Shoes, Tracks, and	5.3.5.3		5.3.5.3		
	Hangers					
2.14.4.7	Vertically Stiding Doors and	5.3.3.3		5.3.3.3		ISO 8100-1 has differing
	Gates					requirements
2.14.4.8	Weights for Closing or	None				ISO 8100-1 has no
	Balancing Doors or					requirements
	Gates					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 1	Comments
Requirement	Ĭ	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s) i	
2.14.4.9	Factor of Safety for	5.3.3.3.2		5.3.3.3.2		ISO 8100-1 has differing
	Suspension Members			C Mr		requirements
2.14.4.10	Power-Operated and Power-	5.3.6.2		5.3.62		ISO 8100-1 has differing
	Opened or			×,		requirements
	Power-Closed Doors or			4		
	Gates			)		
2.14.4.11	Closed Position of Car Doors	None	N. A.			ISO 8100-1 has no
	or Gates		<i>(U)</i>			requirements
2.14.5	Passenger Car Doors		,_@`			
2.14.5.1	Number of Entrances	None	1,11,			ISO 8100-1 has no
	Permitted		7,			requirements
2.14.5.2	Type Required	5.3.14		5.3.14		ISO 8100-1 has differing
		χO				requirements
2.14.5.3	Vertically Sliding Doors	None				ISO 8100-1 has no
						requirements
2.14.5.4	Dimensions of Doors	5.3.1.3		5.3.1.3		
2.14.5.5	Openings in Doors	None				ISO 8100-1 has no
	٧٦	<u> </u>				requirements
2.14.5.6	Door Panels	5.3.1.4		5.3.1.4		ISO 8100-1 has no
		5.3.4.2		5.3.4.2		requirements
		5.3.4.3		5.3.4.3		
2.14.5.7	Restricted Opening of Car	5.3.9.2		5.3.9.2		ISO 8100-1 has differing
	Doors	5.3.13		5.3.13		requirements
	Restricted Opening of Car Doors					Car door lock
						requirement is the same
	25"					as hoistway door lock,
						5.3.9.2 refers to 5.3.9.1.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 1	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	S'	
2.14.5.8	Manual Opening of Car	None		4		ISO 8100-1 has no
	Doors			C MIL		requirements
2.14.5.9	Glass in Car Doors	5.3.5.3		5.3.5.3		ISO 8100-1 has differing
				<i>×</i> 1		requirements
2.14.6	Freight Elevator Car			4		
	Doors and Gates			),		
2.14.6.1	Type of Gates	5.3.14	"X	5.3.14		ISO 8100-1 has differing
			<i>(U)</i>			requirements
2.14.6.2	Vertically Sliding Doors and	5.3.6.2.2.3	<u>,</u> e `	5.3.6.2.2.3		ISO 8100-1 has differing
	Gates		111.			requirements
2.14.6.3	Collapsible-Type Gates	None	17			ISO 8100-1 has no
		7/				requirements
2.14.6.4	Folding Car Doors	5.3.140		5.3.14		ISO 8100-1 has differing
		45.				requirements
2.14.7	Illumination of Cars and	Cillo				
	Lighting Fixtures	. 🗸				
2.14.7.1	Illumination and Outlets	5.4.10		5.4.10	5.2.1.4.1	ISO 8100-1 has differing
	Required C	5.2.1.4.1				requirements
2.14.7.2	Light Control Switches	None				ISO 8100-1 has no
	_~~					requirements
2.14.7.3	Car Lighting Devices	None				ISO 8100-1 has no
	ON					requirements
2.14.7.4	Protection of Light Bulbs	None				ISO 8100-1 has no
	and Tubes					requirements
	.6					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>د</u> ک	
SECTION 2.15	CAR FRAMES AND					
	PLATFORMS			Colle		
2.15.1	Car Frames Required	5.4.3.2		5.4.3.2		ISO 8100-1 has differing
	_	5.9.3.1.2, 8.2		5.9.3.1.2, 8.2		Requirements
2.15.2	Guiding Means	5.4.3.2, 8.2		<b>45.4.3.2, 8.2</b>		ISO 8100-1 has differing
	_		<u> </u>	<b>)</b>		Requirements
2.15.3	Design of Car Frames and	5.4.3.2	<b>"</b> X	5.4.3.2		ISO 8100-1 has differing
	Guiding Members	5.4.3.3	full.	5.4.3.3		Requirements
		8.2		8.2		
2.15.4	Underslung or Sub-Post	8.2	14/1	8.2		ISO 8100-1 has no
	Frames	. (	<i>'</i> 1			requirements
2.15.5	Car Platforms	5.4.3.1		5.4.3.1		ISO 8100-1 has differing
		5.4.3.20		5.4.3.2		Requirements
		5.4.3.3		5.4.3.3		
		5.4.4		5.4.4		
		. 8.2		8.2		
2.15.6	Materials for Car Frames	5.4.4		5.4.4		ISO 8100-1 has differing
	and Platform Frames	8.2		8.2		Requirements
2.15.6.1	Materials Permitted	5.4.4		5.4.4		ISO 8100-1 has differing
	0					Requirements
2.15.6.2	Requirements for Steel					
2.15.6.2.1	Car-Frame and Platform-	5.4.3.2		5.4.3.2		ISO 8100-1 has differing
	Frame					Requirements
	Members					
2.15.6.2.2	Rivets, Bolts, and Rods	None				ISO 8100-1 has no
	S					requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 <del>0(1)</del>	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ġ\	
2.15.6.2.3	Steels of Other Strength	None		4		ISO 8100-1 has no
				C MIL		requirements
2.15.6.3	Requirements for Metals	None		N. N.		ISO 8100-1 has no
	Other Than Steel			ξ,		requirements
2.15.6.4	Requirements for Wood	None		4		ISO 8100-1 has no
	Used for Platform		~	<b>)</b> ,		requirements
	Floors and Stringers		N.			
2.15.7	Car Frame and Platform		الله			
	Connections		,_©`			
2.15.7.1	Internal Connections	None	1811			ISO 8100-1 has no
		. (	<i>'</i> 2'			requirements
2.15.7.2	Connection Between Car	None 🕔				ISO 8100-1 has no
	Frame and	×O				requirements
	Platform	4				
2.15.7.3	Bolts, Nuts, and Welding	None				ISO 8100-1 has no
		. •				requirements
2.15.8	Protection of Platforms	5.4.4		5.4.4		ISO 8100-1 has differing
	Against Fire					Requirements
2.15.9	Platform Guards (Aprons)	5.4.5		5.4.5		ISO 8100-1 has differing
	0					Requirements
2.15.10	Maximum Allowable	5.4.3.2		5.4.3.2		ISO 8100-1 has differing
	Stresses in Car Frame					requirements
	and Platform Members					
	and Connections					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 9	Comments
Requirement	,	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
•		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s)	
2.15.11	Maximum Allowable	None		<u> </u>		ISO 8100-1 has no
	Deflections of Car			Chir		requirements
	Frame and Platform			, Des		
	Members			c of ASME		
2.15.12	Car Frames With Sheaves	None		4		ISO 8100-1 has no
	Where a hoisting-rope		Ó	Ò.		requirements
	sheave is mounted on the car frame		EJIIP			
2.15.13	Suspension-Rope Hitch	None	0,			ISO 8100-1 has no
	Plates or Shapes		ille			requirements
2.15.14	Calculation of Stresses in	None	Ŋ			ISO 8100-1 has no
	Car-Frame and	ji	ט			requirements
	Platform-Frame Members	xO T				_
2.15.15	Platform Side Braces	None				ISO 8100-1 has no
						requirements
2.15.16	Hinged Platform Sills	None				ISO 8100-1 has no
	2					requirements
2.15.17	Fastening of Compensation	None				ISO 8100-1 has no
	Means					requirements
	ank NORMOOL					
	ORM.					
	140					
	GME!					
	······	······	b	<b>4</b>	bi	

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ś	
SECTION 2.16	CAPACITY AND			4		
	LOADING			C Mr		
2.16.1	Minimum Rated Load for			N. N.		
	Passenger Elevators			ξ,		
2.16.1.1	Minimum Load Permitted	5.4.2.1.1	5.4.2.1.1	<b>5.4.2.1.2</b>	5.12.1.2.1	ISO 8100-1 has differing
		5.4.2.1.2	5.4.2.3.1	5.4.2.1.3	5.12.1.2.2	requirements
		5.4.2.1.3	" \	5.4.3.1	5.12.1.2.3	
		5.4.2.3.1	the full	5.4.2.3.2		
		5.4.2.3.2	e`			
		5.12.1.2.1	'ALL			
		5.12.1.2.2	N			
		5.12.1.2.3	)			
2.16.1.2	Use of Partitions for	None				ISO 8100-1 has no
	Reducing Inside Net	a company of the comp				requirements
	Platform Area					
2.16.1.3	Carrying of Freight on	5.4.2.2.1		5.4.2.2.1		ISO 8100-1 has differing
	Passenger Elevators	5.4.2.2.2		5.4.2.2.2		requirements
2.16.2	Minimum Rated Load for					
	Freight Elevators 💛					
2.16.2.1	Minimum Load Permitted	5.4.2.2.1		5.4.2.2.1		ISO 8100-1 has differing
	No.					requirements
2.16.2.2	Classes of Loading and					
	Design					
	Requirements					
2.16.2.2.1	Class A: General Freight	5.4.2.2.1			5.4.2.2.1	ISO 8100-1 has differing
	Loading					requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1		
2.16.2.2.2	Class B: Motor Vehicle	None		<b>«</b>		ISO 8100-1 has no
2.16.2.2.3	Loading			Chill		requirements
2.16.2.2.4	Class C: Industrial Truck and			No.		
	Other Loading			Of ASMIT		
				4		
2.16.3	Capacity and Data Plates			<b>)</b>		
2.16.3.1	Plates Required and	5.4.2.3.2	N. N.	5.4.2.3.2		ISO 8100-1 has differing
	Locations		<i>(</i> ))''			requirements
2.16.3.2	Information Required on	5.4.2.3.2	,_e`	5.4.2.3.2		ISO 8100-1 has differing
	Plates		'All'			requirements
2.16.3.3	Material and Marking of	5.4.2.3.2	12	5.4.2.3.2		ISO 8100-1 has differing
	Plates	7/	7			requirements
2.16.4	Carrying of Passengers on	×O				
	Freight Elevators	45.				
2.16.4.1	Not Accessible to General	None				ISO 8100-1 does not
	Public					address elevators not
	~					accessible to the general
	<u>Q</u>					public
2.16.4.1	Rated Load not less than	None				ISO 8100-1 does not
	2.16.1					address elevators not
						accessible to the general
	QV.					public
2.16.4.3	Conform to 2.16.8	None				ISO 8100-1 does not
						address elevators not
						accessible to the general
	SI					public

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<b>S</b> `	
2.16.4.4	Hoistway Doors conform to	None		× ×		ISO 8100-1 does not
	2.12.1.1 and 2.11.2.1 or be			of ASMIL		address elevators not
	power operated conforming			, AS		accessible to the general
	to 2.11.2.2(e)			Ŏ,		public
2.16.4.5	Car Doors Provided and	None	wike full of	4		ISO 8100-1 does not
	conform to 2.14.5		Ó	,		address elevators not
						accessible to the general
21545			Ø),			public 100 1 1
2.16.4.6	Openings in Enclosures	None	No.			ISO 8100-1 does not
	conform to 2.14.2.2		711			address elevators not
		:(0				accessible to the general
2.16.4.7	Factor of Safety of	11				public ISO 8100-1 does not
2.10.4.7	Factor of Safety of	None				address elevators not
	Suspension Means to conform to Table 2.20.3 for	45:				
	Passenger Elevators	Cilia				accessible to the general public
2.16.4.8 (a)	Power Operated Vertical	None				ISO 8100-1 does not
2.10.4.6 (a)	Slide Doors to be Power	None				address elevators not
	Closed in conformance with					accessible to the general
	2.13.3.4					public
2.16.4.8 (b)	Supporting chains and ropes	5.3.1.4			5.3.1.4	ISO 8100-1 has differing
2.10.4.0 (0)	not be exposed to car interior	5.3.6.1			5.3.6.1	requirements
2.16.5	Signs Required in Freight	3.3.0.1			3.3.0.1	requirements
2.10.5	Elevator Cars					
2.16.5.1	Signs Required	5.4.2.3.3		5.4.2.3.3		ISO 8100-1 has differing
	CN.					requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u></u>	
2.16.5.2	Material and Marking of Signs	5.1.2		5.1.2		ISO 8100-1 has differing requirements
2.16.6	Overloading of Freight Elevators	5.4.2.2.1		5.4.2.2.1		ISO 8100-1 has differing requirements
2.16.7	Carrying of One-Piece Loads Exceeding the Rated Load	None	, Q	5		ISO 8100-1 has no requirements
2.16.8	Additional Requirements for Passenger Overload in the Down Direction	5.4.2.1.1	wike full	5.4.2.1.1		ISO 8100-1 has differing requirements
2.16.9	Special Loading Means	None None	,			ISO 8100-1 has no requirements
SECTION 2.17	CAR AND COUNTERWEIGHT SAFETIES	V. Cliek				
2.17.1	Where Required and Location	5.6.2.1.1.1		5.6.2.1.1.1		ISO 8100-1 has differing requirements
2.17.2	Duplex Safeties	None				ISO 8100-1 has no requirements
2.17.3	Function and Stopping Distance of Safeties	5.6.2.1.3		5.6.2.1.3		ISO 8100-1 has differing requirements
2.17.4	Counterweight Safeties	5.6.2.1.1.1		5.6.2.1.1.1		ISO 8100-1 has differing
		5.6.2.1.4.3		5.6.2.1.4.3		requirements
	5	6.3.5		6.3.5		

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100(1)	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ġ\	
2.17.5	Identification and	5.6.2.1.2.1		5.6.2.1.2.1		ISO 8100-1 has differing
	Classification of Types of Safeties			SM		requirements
2.17.5.1	Type A Safeties	5.6.2.1.2.1		6.3.4		ISO 8100-1 has differing
		6.3.4		<b>5.6.2.2.2</b>		requirements
		5.6.2.2.2	~	) <u> </u>		
2.17.5.2	Type B Safeties	5.6.2.1.2.1	" \	5.6.2.1.2.3		ISO 8100-1 has differing
		5.6.2.1.2.2	"He fill!	6.3.4		requirements
		5.6.2.1.2.3	e`			
		6.3.4	1/1			
2.17.5.3	Type C Safeties (Type A	None	12			ISO 8100-1 has no
	With Oil Buffers)	7/,				requirements
2.17.6	Reserved for Future Use	×O				
2.17.7	Governor-Actuated	5.6.2.2.4.1		5.6.2.2.4.1		ISO 8100-1 has differing
	Safeties and Car Safety	5.6.2.2.4.2		5.6.2.2.4.2		requirements
	Mechanism Switches	$\ddot{\cdot}$				
2470	Required	1				
2.17.8	Limits of Use of Various  Types of Safeties					
2.17.8.1	Type A (Instantaneous)	5.6.2.2.2		5.6.2.2.2		ISO 8100-1 has differing
	Safeties					requirements
2.17.8.2	Type C (Combination	None				ISO 8100-1 has no
	Instantaneous and Oil-					requirements
	Buffer Safety)					
	SI					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>S`</u>	
2.17.9	Application and Release of Safeties			CME		
2.17.9.1	Means of Application	5.6.2.1.1.1		5.6.2 1.7.1		ISO 8100-1 has differing requirements
2.17.9.2	Level of Car on Safety Application	None	<u> </u>	5		ISO 8100-1 has no requirements
2.17.9.3	Release	5.6.2.1.4.1 5.6.2.1.4.2	الله	5.6.2.1.4.1 5.6.2.1.4.2		ISO 8100-1 has similar requirements
2.17.9.4	Force Providing Stopping Action to Be Compressive	None	"Hille"			ISO 8100-1 has no requirements
2.17.10	Minimum Permissible	None 🕔				ISO 8100-1 has no
	Clearance Between Rail- Gripping Faces of Safety Parts	clickto				requirements
2.17.11	Maximum Permissible Movement of Governor Rope to Operate the Safety Mechanism	5.6.2.2.1.1		5.6.2.2.1.1		ISO 8100-1 has differing requirements
2.17.12	Minimum Factors of Safety and Stresses of Safety Parts and Rope Connections	5.6.2.2.1.3		5.6.2.2.1.3		ISO 8100-1 has differing requirements
2.17.13	Corrosion-Resistant Bearings in Safeties and Safety-Operating Mechanisms	None				ISO 8100-1 has no requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<b>S</b> `	
2.17.14	Marking Plates for Safeties	5.6.2.1.1.3		5.6.2.1.1.3		ISO 8100-1 has differing requirements
2.17.15	Governor-Rope Releasing Carriers	None		i Po		ISO 8100-1 has no requirements
2.17.16	Rail Lubricants and	None		<b>4</b>		ISO 8100-1 has no
	Lubrication Plate			),		requirements
			11			
SECTION 2.18	SPEED GOVERNORS		<i>(U)</i>			
2.18.1	Speed Governors	None	ve.			ISO 8100-1 has no
	Required and Location		1,1			requirements
2.18.2	Tripping Speeds for Speed Governors	ji	<i>,</i>			
2.18.2.1	Car Speed Governors	5.6.2.2.1		5.6.2.2.1.1		ISO 8100-1 has differing
		5.6.2.2.1.2		5.6.2.2.1.2		requirements
2.18.2.2	Counterweight Speed	None				ISO 8100-1 has no
	Governors					requirements
2.18.3	Sealing and Painting of	5.6.2.2.1.5		5.6.2.2.1.5		ISO 8100-1 has no
	Speed Governors					requirements
2.18.4	Speed-Governor					
	Overspeed Switch					
2.18.4.1	Where Required and Function	5.6.2.2.1.6		5.6.2.2.1.6		ISO 8100-1 has differing requirements
2.18.4.2	Setting of Car Speed-	5.6.2.2.1.6		5.6.2.2.1.6		ISO 8100-1 has differing
	Governor Overspeed					requirements
	Switches					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 T	Comments
Requirement	Subject	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
Requirement		Clauses	by Column	used in	used in place	is in conflict or there is a
		Clauses	by Colulliii	addition to	of Column 1	
			1	Column 1	Ol Colullii 1	difference)
2 10 4 2	Savina ef the Garage	5 ( 2 2 1 (		<b></b>	<u>S</u>	ICO 0100 11 1'cc -'
2.18.4.3	Setting of the Counterweight	5.6.2.2.1.6		5.6.2.2.1.6		ISO 8100-1 has differing
	Governor			SW.		requirements
- 10 -	Switch			, D		
2.18.5	Governor Ropes			Ŏ,		
2.18.5.1	Material and Factor of	5.6.2.2.1.3		5.6.2.2.1.3		ISO 8100-1 has differing
	Safety			)`		requirements
2.18.5.2	Speed-Governor-Rope	None				ISO 8100-1 has no
	Clearance		<i>(</i> ))''			requirements
2.18.5.3	Governor-Rope Tag	None	~e`			ISO 8100-1 has no
			111,			requirements
2.18.6	Design of Governor-Rope	5.6.2.2.1.1	7		5.6.2.2.1.1	ISO 8100-1 has differing
	Retarding Means for Type	7/1	7			requirements
	B Safeties	×O				
2.18.7	Design of Speed-Governor	5.6.2.2.1.3			5.6.2.2.1.3	ISO 8100-1 has differing
	Sheaves and Traction	cillo				requirements
	Between Speed Governor	.0				•
	Rope and Sheave	$\mathcal V$ .				
2.18.8	Factors of Safety in Load-	5.6.2.2.1.1			5.6.2.2.1.1	ISO 8100-1 has differing
	Bearing Parts of Speed					requirements
	Governor					1
2.18.9	Speed-Governor Marking	5.6.2.2.1.8			5.6.2.2.1.8	ISO 8100-1 has differing
	Plate					requirements
						22 702222222
	<b>2</b> 0'					
i L			<u>:</u>	<u>:</u>	<u> </u>	

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-1	Comments
Requirement	,	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
•		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>د</u> ک	,
SECTION 2.19	ASCENDING CAR OVER UNINTENDE CAR MOVEMENT PRO	D		E ASME		
2.19.1	Ascending Car Overspeed Protection			<del>*</del>		
2.19.1.1	Purpose	5.6.6.1	اال	5.6.6.1		ISO 8100-1 has differing requirements
2.19.1.2	Where Required and	5.6.6.1		5.6.6.1		ISO 8100-1 has differing
	Function	5.6.6.2	H	5.6.6.2		requirements
		5.6.6.9	1	5.6.6.9		
		5.6.6.10	9	5.6.6.10		
2.19.2	Unintended Car	χO				
	Movement Protection	7,0				
2.19.2.1	Purpose	5.6./.1		5.6.7.1		ISO 8100-1 has differing
		5.6.7.2		5.6.7.2		requirements
2.19.2.2	Where Required and	5.6.1.2		5.6.1.2		ISO 8100-1 has differing
	Function	5.6.7.1		5.6.7.1		requirements
	c.0	5.6.7.2		5.6.7.2		
	0	5.6.7.3		5.6.7.3		
		5.6.7.5		5.6.7.5		
	2M	5.6.1.1		5.6.1.1		
	.07	5.6.7.6		5.6.7.6		
		5.6.7.7		5.6.7.7		
	Tunction C.	5.6.7.9		5.6.7.9		
	CN'	5.6.7.11		5.6.7.11		

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 1	Comments
Requirement	J	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
1		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>د</u>	,
2.19.3	Emergency Brake (See			4		
	Nonmandatory			Colle		
	Appendix F)			S,		
2.19.3.1	Where Required	5.6.1.2		<b>5</b> .6.1.2		ISO 8100-1 has differing
		5.6.6.2		5.6.6.2		requirements
		5.6.7.12		5.6.7.12		
2.19.3.2	Requirements	5.6.1.2	"the full y	5.6.1.2		ISO 8100-1 has differing
		5.6.6.4	ETI.	5.6.6.4		requirements
		5.6.6.5	<u>,</u> e`	5.6.6.5		
		5.6.6.6	171.	5.6.6.6		
		5.6.6./	12	5.6.6.7		
		5.6.6.8		5.6.6.8		
		5.6.7.4		5.6.7.4		
		5.6.7.12		5.6.7.12		
2.19.3.3	Marking Plate Requirements	5.6.6.12		5.6.6.12		ISO 8100-1 has differing
		5.6.7.14		5.6.7.14		requirements
2.19.4	Emergency Brake	None				ISO 8100-1 has no
	Supports					requirements
	THE NORMOC.					
	QN.					
	VO,					
	- Nr					
L						<u> </u>

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 9	Comments
Requirement	Budjeet	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
Requirement		Clauses	by Column	used in	used in place	is in conflict or there is a
		Clauses	by Column 1	addition to	of Column 1	difference)
			1	Column 1	or Column 1	difference)
SECTION 2.20	Suspension means and	5.5		Column 1	5.5	ISO 8100-1 has differing
SECTION 2.20	their connections	5.5			5.5	requirements
2.20.1	Suspension means	5.5.1		-67	5.5.1.1	<b>∤</b>
2.20.1	Suspension means	3.3.1		, P	3.3.1.1	ISO 8100-1 has differing
2 20 2	Footon of angets	5.5.2.2			5.5.2.2	requirements
2.20.3	Factor of safety	ISO 8100-2:	4	X	ISO 8100-2:	ISO 8100-1 has differing
		5.12	Q	<b>V</b>	5.12	requirements
		3.12			5.12 EN 12385-5	See also ISO 8100-2:
			withefull Pr		EN 12363-3	5.12 (Evaluation of
			11/0			safety factor on
			7,			
		:.0	3			suspension ropes for electric lifts)
2 20 4	N/:-:	5.5.1.20			5.5.1.3	•
2.20.4	Minimum number and	5.5.1.30			5.5.1.3 5.5.1.2	The scope of A17/B44
	diameter of suspension	5.5.1.2			3.3.1.2	requirement 2.20.4 is
	means	Cilia				covered by ISO 8100-1 Clause 5.5.1.3 and
		, · . ·				5.5.1.2 (a). (See also
		7,				comments pertaining to
	ې					
	$\sim$					Column 1, Requirements 2.20.4.1; 2.20.4.2 and
						2.20.4.1; 2.20.4.2 and 2.20.4.3)
2 20 4 1	Stool Wind Dans	<i>5 5 1 1</i>			<i>5 5 1 1</i>	<b>;</b>
2.20.4.1	Steel Wire Ropes	5.5.1.1			5.5.1.1	ISO 8100-1 has differing
	Ox	5.5.1.2			5.5.1.2	requirements. (See also
	72	5.1.2.3			5.1.2.3	EN 12385-5)
2.20.4.2	Aramid Fiber Ropes	5.5.1.1			5.5.1.1	ISO 8100-1 has differing
	C)"	5.5.1.2			5.5.1.2	requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	\$	
2.20.4.3	Non-Circular Elastomeric	5.5.1.1		<b>&amp;</b>	5.5.1.1	ISO 8100-1 has differing
	Coated Suspension Members	5.5.1.2		of Ashir	5.5.1.2	requirements
2.20.5	Suspension member	5.5.5		, De	5.5.5	ISO 8100-1 has differing
	equalizers			٧,		requirements
				4		(See also comments
			S	<b>)</b> ,		pertaining to Column 1,
						Requirements 2.20.5.1
			<i>(</i> )),			and 2.20.5.3)
2.20.6	Securing of steel wire rope	5.5.2.3.2	"the filt.	5.5.2.3.2		ISO 8100-1 has differing
	suspension to winding		111.			requirements
	drums		<i>3</i> 7			700010011
2.20.7	Rope turns on winding	5.5.4.2	5.5.4.3	5.5.4.2		ISO 8100-1 has differing
	drums	5.5.4.30		5.5.4.4		requirements
2.20.0	C • M	5.5.4.4				ICO 0100 1
2.20.8	Suspension Means	None				ISO 8100-1 no
2 20 0	Monitoring and Testing	·				requirements
2.20.9	Suspension Member	None				ISO 8100-1 no
2 20 10	Fastening O	NT				requirements
2.20.10	Auxiliary Rope Fastening	None				ISO 8100-1 no
2 20 11	Devices Devices T-4	NT				requirements
2.20.11	Suspension Member Test	None				ISO 8100-1 no
						requirements
	<b>(0)</b>					
	ASMENORA					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 <del>0 1</del>	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ġ`	
SECTION 2.21	COUNTERWEIGHT			4		
2.21.1	General Requirements					
2.21.1.1	Frames	5.4.11.2		5.4.11.2		ISO 8100-1 has differing requirements
2.21.1.2	Retention of Weight	5.4.11.2		5.4.11.2		ISO 8100-1 has differing
	Sections	3.4.11.2		3.4.11.2		requirements
2.21.1.3	Guiding Means	5.4.11.2		5.4.11.2		ISO 8100-1 has differing
			<i>\(\text{V}\)</i>			requirements
2.21.1.4	Independent Car	5.4.11.2	7/ ₆	5.4.11.2		ISO 8100-1 has differing
	Counterweights		47			requirements
2.21.2	Design Requirements for	:	3			
	Frames and Rods	- 1110				700010011
2.21.2.1	Material	5.4.11.2		5.4.11.2		ISO 8100-1 has differing
						requirements
2.21.2.2	Frame Connections	5,4.11.2		5.4.11.2		ISO 8100-1 has differing
						requirements
2.21.2.3	Factor of Safety	None				ISO 8100-1 has no
						requirements
2.21.2.4	Sheaves	None				ISO 8100-1 has no
						requirements
2.21.2.5	Suspension Rope Hitch or	5.5.2.3.1		5.5.2.3.1		ISO 8100-1 has differing
	Shapes					requirements
2.21.2.6	Securing of Weights in	5.4.11.2		5.4.11.2		ISO 8100-1 has differing
	Frames					requirements
	SMI					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<b>S</b>	
2.21.3	Cars Counterbalancing	None		<b>«</b>		ISO 8100-1 has no
	One Another			CN.		requirements
2.21.4	Compensation Means	5.5.6.1		5.5.6.1		ISO 8100-1 has differing
				81		requirements
2.21.4.1	Connections	5.5.6.2	5.5.6.2	4		ISO 8100-1 has differing
				<b>)</b>		requirements
2.21.4.2	Tie-Down Compensation	5.5.6.2	11/4	5.5.6.2		ISO 8100-1 has differing
	Means	5.5.6.3	<i>(</i> ),	5.5.6.3		requirements
			<b>√</b> Ø `			
SECTION 2.22	BUFFERS AND BUMPERS	. (	NI			
2.22.1	Type and Location	J)				
2.22.1.1	Type of Buffers	5.8.1.5		5.8.1.5		ISO 8100-1 has differing
		5.8.1.6		5.8.1.6		requirements
		<b>5.</b> 8.1.7		5.8.1.7		
2.22.1.2	Location	5.8.1.1		5.8.1.1		ISO 8100-1 has differing
		5.8.1.5		5.8.1.5		requirements
	ې	5.8.1.6		5.8.1.6		
2.22.2	Solid Bumpers	None				ISO 8100-1 has no
	_0_					requirements
2.22.3	Spring Buffers					
2.22.3.1	Stroke	5.8.2.1.1.1		5.8.2.1.1.1		ISO 8100-1 has differing
	, OX	5.8.2.1.1.2		5.8.2.1.1.2		requirements
2.22.3.2	Load Rating	None				ISO 8100-1 has no
	N.					requirements
2.22.3.3	Marking Plates	5.8.1.8		5.8.1.8		ISO 8100-1 has differing
	7					requirements

1117	I/DTT Dection 2 Requ			ary requir		0200 2
Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s) i	
2.22.4	Oil Buffers			4		
2.22.4.1	Stroke	5.8.2.2.1		5.8.2.2.1		ISO 8100-1 has differing
		5.8.2.2.2		5.8.2.2.2		requirements
		5.8.2.2.3 (a)		5.8.2.2.3(a)		•
2.22.4.2	Retardation	5.8.2.2.3 (b)		<b>(</b> 5.8.2.2.3(b)		ISO 8100-1 has differing
			<u> </u>	)		requirements
2.22.4.3	Factor of Safety for Oil-	None	, (Y			ISO 8100-1 has no
	Buffer Parts		1103			requirements
2.22.4.4	Slenderness Ratio for	None	The			ISO 8100-1 has no
	Members Under		'ALL			requirements
	Compression as Columns	. (	7			•
2.22.4.5	Plunger Requirements	5.8.2.2.4	9	5.8.2.2.4		ISO 8100-1 has no
	1	×O ·				requirements
2.22.4.6	Means for Determining Oil	5.8.2(2.5		5.8.2.2.5		ISO 8100-1 has differing
	Level	cjio.				requirements
2.22.4.7	Type Tests and Certification	ISO 8100-2:		ISO 8100-2:		ISO 8100-1 has no
	for Oil Buffers	5.5		5.5		requirements
	<b>CO</b>					•
	20					See also ISO 8100-2;
	0,					Requirement 5.5 (Type
	.00					examination of buffers)
2.22.4.8	Compression of Buffers	None				ISO 8100-1 has no
	When Car Is Level With					requirements
	Terminal Landings					•
2.22.4.9	Buffer Oil Requirements	None				ISO 8100-1 has no
	CN.					requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement	,	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
1		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
			-	Column 1	6	<i>(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>
2.22.4.10	Load Ratings of Oil Buffers	None	•			8100-1 has no
	<u> </u>			COULT OF THE PROPERTY OF THE P		requirements
2.22.4.11	Buffer Marking Plate	5.8.1.8		5.8.1.8		8100-1 has differing
				K Y		requirements
2.22.5	Elastomeric Buffers			4		
2.22.5.1	Retardation	5.8.2.1.2.1		5.8.2.1.2.1		ISO 8100-1 has differing
			X			requirements
2.22.5.2	Return Speed	5.8.2.1.2.1	<i>ETH</i>	5.8.2.1.2.1		ISO 8100-1 has similar
			,_@`			requirement
2.22.5.3	Deformation	5.8.2.1.2.1	141,	5.8.2.1.2.1		ISO 8100-1 has similar
		5.8.2.2.3 (d)	7,	5.8.2.2.3 (d)		requirement
2.22.5.4	Full Compression	5.8.2.1.2.2	5.8.2.1.2.2			ISO 8100-1 has similar
		×O				requirement
2.22.5.5	Type Tests and Certification	5.8.1.7		5.5		ISO 8100-1 has differing
	for Elastomeric	I <b>SO 8</b> 100-2:		ISO 8100-2:		requirements
	Buffers	5.5		5.5		
	~					See also ISO 8100-2;
	ې					Requirement 5.5 (Type
	٧					examination of buffers)
2.22.5.6	Buffer Marking Plate	5.8.1.8		5.8.1.8		ISO 8100-1 has similar
	NO TO					requirement
	2N					
	ORINI					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 <del>0 1</del>	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1		
SECTION 2.23	Car and Counterweight			<b></b>		
	Guide Rails, Guide-Rail			CUI.		
	Supports and Fastenings			, <b>N</b>		
2.23.1	Guide rails required	5.7.1.1		<b>5</b> :7:1.1		ISO 8100-1 has differing
				<b>~</b>		requirements
2.23.2	Material	5.7.1.2	Ó	<b>y</b> ,	5.7.1.2	ISO 8100-1 has differing
		5.7.1.3			5.7.1.3	requirements
2.23.2.2	Requirements for metals	5.7.1.1	<i>(A)</i> .		5.7.1.1	ISO 8100-1 has differing
	other than steel	5.7.1.2	×6		5.7.1.2	requirements
		5.7.1.3	7,0		5.7.1.3	
2 22 2	- · · · · ·	5.7.1.5	77		5.7.1.5	IGO 0100 11 1'66 '
2.23.3	Rail section	5.1			5.1	ISO 8100-1 has differing requirements
2.23.4	Maximum load on rails in				5.7.2	ISO 8100-1 has differing
2,20,1	relation to bracket spacing	5.7.2 5.7.3			5.7.3	requirements.
	rominos os armonos spinossig	5.7.4			5.7.4	1 oqua omonus.
2.23.5	Stresses and deflection 🦠	5.7.4.5			5.7.4.5	ISO 8100-1 has differing
	<u> </u>	5.7.4.6			5.7.4.6	requirements
	200	5.7.4.7			5.7.4.7	•
	ζ0.	5.1			5.1	See also ISO 8100-2;
	.00	ISO 8100-2:			ISO 8100-2:	Requirement 5.10 (Guide
		5.10			5.10	rail calculation)
2.23.6	Guide-rail surfaces	5.7.1.2	5.7.1.2			ISO 8100-1 has differing
						requirements.
	CME.					

A1/.1	1/D44 Section 2 Nequ	ii ciliciits w		ary Kequii		<b>MAN</b> 0100-1
Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-1	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<b>S</b>	
SECTION 2.24	Driving Machines and Sheaves			CNE		
2.24.1	Type of driving machine	5.9.1.1	5.9.2.1.1 (a)	5.9.1.1		ISO 8100-1 has differing
		5.9.2.1.1		ξ,		requirements
2.24.2	Sheaves and drums	5.5.2	X	5	5.5.2	ISO 8100-1 has differing requirements
2.24.2.1	Material and Grooving	5.5.3			5.5.3	ISO 8100-1 references
		ISO 8100-2:	(1/1)		ISO 8100-2:	ISO 8100-2, which has
		5.11.2.3.1	thefull		5.11.2.3.1	differing requirements.
			4			See ISO 8100-2: 5.11
		ji.	ט			(Evaluation of traction)
2.24.2.2	Minimum Pitch Diameter	5.5.2.10	5.5.2.1			
2.24.2.2(a)	Minimum pitch diameter,	5.5.2.1	5.5.2.1			
	Steel Wire Ropes					
2.24.2.2(b),(c),(d)	Minimum pitch diameter,	5.5.1.1			5.5.1.1	ISO 8100-1 has differing
	Aramid Fiber Ropes and					requirements
	Non-Circular Elastomeric	•				
	Suspension Members					
2.24.2.3	Traction ~					

111,0	1/D++ Section 2 Requ	<b>,</b>		, <del></del>	·p	OZUU Z
Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ġ\	
2.24.2.3.1	Traction for Steel Wire Rope	5.5.3	5.5.3 (a)	5.5.3		ISO 8100-1 has differing
		ISO 8100-2:		ISO 8100-2:		requirements
		5.11		5.11		
				× 1		See also A17.1/B44
				<b>८</b>		2.16.8(c)
			<u> </u>	<b>)</b> ,		
			Α,	*		See also ISO 8100-2:
			1113			5.11 (Evaluation of
			<i>Q</i>	ISO 8100-2:		traction)
2.24.2.3.2	Traction for Aramid Fiber	5.5.1.1	'ALL		5.5.1.1	ISO 8100-1 has differing
	Rope		<i>J</i> 1			requirements
2.24.2.3.3	Traction for Non-Circular	5.5.1.1	9		5.5.1.1	ISO 8100-1 has differing
	Elastomeric Coated Steel	×O.				requirements
	Suspension Members	<i>\</i>				
2.24.2.3.4	Slipping of traction	5.5.3 (c)	5.5.3 (c) (1)	ISO 8100-2:	5.5.3 (c) (2)	ISO 8100-1 and ISO
		ISO 8100-2:		5.11		8100-2 have differing
		5.11				requirements
	<b>CO</b>					
						See also ISO 8100-2:
						5.11 (Evaluation of
						traction)
2.24.2.5	Retaining and Guarding of					
	Suspension Members					
2.24.2.5.1	Retention of suspension	5.5.7.1			5.5.7.1	ISO 8100-1 has differing
	members	5.5.7.2			5.5.7.2	requirements.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 (1)	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<b>S</b>	
2.24.2.5.2	Guarding Means	5.5.7.1		5.4.11.3	5.5.7.1	ISO 8100-1 has differing
		5.4.11.3		5.5.7.2		requirements
		5.5.7.2		5.5.7.3.MV		
				×,		A17.1/B44 does not
				4		require protection around
				)		counterweight pulleys
2.24.3	Factor of Safety for	5.9.2	0.4.3 (a)			ISO 8100-1 Clause 0.4
	Driving Machines, Sheaves	0.4.3 (a)	<i>STILLS</i>			assumes design is in
	and Drums		~e`			accordance with usual
			11,			engineering practice.
2.24.4	Fasteners and Connections	0.4.3 (a)	<b>1</b> 0.4.3 (a)			ISO 8100-1 Clause 0.4
	Transmitting Load	7/				assumes design is in
		×O				accordance with usual
		4				engineering practice.
2.24.5	Shaft Fillets and Keys	0.4.3 (a)	0.4.3 (a)			ISO 8100-1 Clause 0.4
						assumes design is in
						accordance with usual
	L CO	0.4.2./	0.4.0.()			engineering practice.
2.24.6	Cast-Iron Worms and	0.4.3 (a)	0.4.3 (a)			ISO 8100-1 Clause 0.4
	Worm Gears					assumes design is in
						accordance with usual
2245		0.42()	0.42()			engineering practice.
2.24.7	Friction Gearing and	0.4.3 (a)	0.4.3 (a)			ISO 8100-1 Clause 0.4
	Clutches					assumes design is in
						accordance with usual
	C)"					engineering practice.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 810 <del>0</del> 9	Comments
Requirement	, i	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
•		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	Ś	
2.24.8	Braking System and	5.9.2.2		4	5.9.2.2	ISO 8100-1 has differing
	Driving Machine Brakes					requirements
2.24.8.3	Driving machine brake	5.9.2.2.1.2		5.9.2.2.1.2		ISO 8100-1 has differing
				<u> </u>		requirements
2.24.8.4	Means for manual release	5.2.1.6	5.2.1.6	4	5.9.2.3.1	ISO 8100-1 has differing
		5.6.1.2	5.6.1.2	<b>)</b> ,		requirements
		5.9.2.3.1	5.9.2.2.9			
		5.9.2.2.9	الري			
2.24.8.5	Marking Plates for Brakes	5.9.2.2.2.8	<u>,</u> @`	5.9.2.2.2.8		ISO 8100-1 has differing
			1/1/			requirements
2.24.8.6	Driving-Machine Brake	0.4.3 a)	0.4.3 a)			ISO 8100-1 Clause 0.4
	Design	1/2				assumes design is in
		×O				accordance with usual
						engineering practice.
2.24.9	Indirect Driving Machines	5.9.2.1.2			5.9.2.1.2	ISO 8100-1 has differing
						requirements
2.24.9.1	Belt and Chain Drives	5.9.2.1.2			5.9.2.1.2	ISO 8100-1 has differing
						requirements
2.24.9.2	General requirements for	5.9.1.2		5.9.1.2		ISO 8100-1 has differing
2.24.0.2	machines	5 0 <b>2 1 2</b>			50010	requirements
2.24.9.3	Monitoring and Brake	5.9.2.1.2			5.9.2.1.2	ISO 8100-1 has differing
22410	Location	0.42()	0.42()		0.4.3 a)	requirements
2.24.10	Means for Inspection of	0.4.3 (a)	0.4.3 (a)			ISO 8100-1 Clause 0.4
	Gears					assumes design is in
	all					accordance with usual
	(5)					engineering practice.
<u> </u>	<u> </u>					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 1	Comments
Requirement	,	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
1		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>د</u> ``	
SECTION 2.25	Terminal Stopping Devices			<b>4</b>		
2.25.1	General Requirements	5.12.1.3	5.12.1.3	OTASHI		ISO 8100-1 has differing
		5.12.2.2	5.12.2.2	N. S.		requirements
		5.12.2.3	5.12.2.3	×,		
		5.11.2.5	5.11.2.5	<u>ر</u> ۷		
2.25.2	Normal Terminal Stopping	None	<u> </u>	),		ISO 8100-1 does not
	Devices		1/			address NTSD
2.25.3	Final Terminal Stopping	5.12.2	5.12.2			ISO 8100-1 has differing
	Devices		(O)			requirements
2.25.4	Emergency Terminal		111.			
	Stopping Means		77			
2.25.4.1	Emergency Terminal Speed-	5.12.1.3	5.12.1.3			ISO 8100-1 has differing
	Limiting device	×O				requirements
2.25.4.2	Emergency Terminal	5.12.1.3	5.12.1.3			ISO 8100-1 has differing
~~~~~~~~~	Stopping Device.					requirements
SECTION 2.26	OPERATING DEVICES	, : .				
	AND CONTROL EQUIPMENT	7,				
2.26.1	Operation and Operating					
2.20.1	Devices					
2.26.1.1	Types of Operating devices	None				ISO 8100-1 has no
						requirements
2.26.1.2	Car switch operation	None				ISO 8100-1 has no
						requirements
2.26.1.3	one piece loads > rated load	None				ISO 8100-1 has no
	5					requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100+10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	S)	
2.26.1.4	Inspection Operation	5.12.1.5.1	5.12.1.5.1	5.12.1.5.2.3		ISO 8100-1 has differing
		5.12.1.5.2	5.12.1.5.2	5.12.1.5.2.4		requirements
		5.12.5.2.3		' by,		
2 2 6 1 5	T	5.12.1.5.2.4	5 10 1 0	<u> </u>		ICO 0100 11 1'ff'
2.26.1.5	Inspection operation with open door circuits	5.12.1.8	5.12.1.8	5		ISO 8100-1 has differing requirements
2.26.1.6	Releveling and truck zone	5.12.1.4	5.12.1.4	•		ISO 8100-1 does not
2.26.1.7	operation		(راز)			address truck zones
2.26.2	Electrical Protective	Annex A	Annex A			ISO 8100-1 covers the
	Devices		1111			requirements with some
			7 7			additions
2.26.2.1	Slack Rope Switch	5.5.5.3	5.5.5.3			
2.26.2.2	Motor Generator running	None				ISO 8100-1 has no
		- C-	+			requirements
2.26.2.3	Compensating-Rope Sheave	None				ISO 8100-1 has no
	Switch					requirements
2.26.2.4	Motor field sensing	None				ISO 8100-1 has no
2252			- 12 1 11			requirements
2.26.2.5	Emergency Stop Switch	5.12.1.11	5.12.1.11			77.0.01.00
2.26.2.6	Broken Rope, Tape or Chain	None				ISO 8100-1 has no
22627	Switches	5 10 1 11	5 10 1 11			requirements
2.26.2.7	Stop Switch in Pit	5.12.1.11	5.12.1.11			
2.26.2.8	Stop Switch on Top of Car	5.12.1.11	5.12.1.11			
2.26.2.9	Car Safety Mechanism Switch	5.6.2.1.5	5.6.2.1.5			
2.26.2.10	Speed-Governor Overspeed Switch	5.6.2.2.1.6	5.6.2.2.1.6			

Requirement	Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
Clauses	A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100+10	
1 addition to Column 1 difference	Requirement		Related			- V -	`
Column 1 Column 1			Clauses	by Column	used in	used in place	is in conflict or there is a
2.26.2.11 Final Terminal Stopping Devices 5.12.2.3.1 (b) 5.12.2.3.1 (b)				1		of Column 1	difference)
Devices					Column 1	Ś	
2.26.2.12 Emergency Terminal Speed-Limiting Devices 5.12.1.3 5.12.1.3 5.12.1.3	2.26.2.11		5.12.2.3.1 (b)	5.12.2.3.1	4		
Limiting Devices 2.26.2.13 Buffer Switches for Oil Buffers Used with Type C Safeties 5.8.2.2.4 5.8.2.2.4		Devices			C MIL		
2.26.2.13 Buffer Switches for Oil Buffers Used with Type C Safeties 5.8.2.2.4 5.8.2.2.4	2.26.2.12		5.12.1.3	5.12.1.3	No.		
Buffers Used with Type C Safeties		Limiting Devices			ξ,		
Safeties Car Door Interlocks and Hoistway Door Electric Contacts S.2.5.3.1c) S	2.26.2.13	Buffer Switches for Oil	5.8.2.2.4	5.8.2.2.4	4		
2.26.2.14 Hoistway Door Interlocks and Hoistway Door Electric Contacts 5.3.9.1		Buffers Used with Type C		~) ,		
and Hoistway Door Electric Contacts 5.3.9.4.1 5.3.9.4.1		Safeties		Υ	Ť		
Contacts 2.26.2.15 Car Door and Gate Contacts 5.2.5.3.1c) 5.3.13.2 5.3.13.2	2.26.2.14	Hoistway Door Interlocks	5.3.9.1	5.3.9.1			
2.26.2.15 Car Door and Gate Contacts 5.2.5.3.1c) 5.2.5.3.1c) 5.2.5.3.1c) 5.3.13.2 2.26.2.16 Emergency Terminal Stopping Devices None Organization ISO 8100-1 has no requirements 2.26.2.17 Reserved for Future Use 2.26.2.18 Car Top Emergency Exit 5.4.6.3.2 5.4.6.3.2		and Hoistway Door Electric	5.3.9.4.1	5.39.4.1			
2.26.2.16 Emergency Terminal Stopping Devices None O Prequirements ISO 8100-1 has no requirements 2.26.2.17 Reserved for Future Use 5.4.6.3.2 5.4.6.3.2		Contacts		HILL			
2.26.2.16 Emergency Terminal Stopping Devices None Or requirements 2.26.2.17 Reserved for Future Use 5.4.6.3.2 2.26.2.18 Car Top Emergency Exit Car Top Emergency Exit Car Top Emergency Exit Car Top Emergency Exit Expression States of the Emergency Expression St	2.26.2.15	Car Door and Gate Contacts	5.2.5.3.1c)	3.2.5.3.1c)			
Stopping Devices requirements 2.26.2.17 Reserved for Future Use 2.26.2.18 Car Top Emergency Exit 5.4.6.3.2 5.4.6.3.2			5.3.13.2	5.3.13.2			
2.26.2.17 Reserved for Future Use 2.26.2.18 Car Top Emergency Exit 5.4.6.3.2 5.4.6.3.2	2.26.2.16	Emergency Terminal	None				ISO 8100-1 has no
2.26.2.18 Car Top Emergency Exit 5.4.6.3.2 5.4.6.3.2		Stopping Devices	, ct				requirements
	2.26.2.17	Reserved for Future Use					
Flectrical Device	2.26.2.18	Car Top Emergency Exit	5.4.6.3.2	5.4.6.3.2			
		Electrical Device	<i>y</i> .				
2.26.2.19 Motor-Generator Overspeed None ISO 8100-1 has no	2.26.2.19	Motor-Generator Overspeed	None				ISO 8100-1 has no
Protection requirements							requirements
2.26.2.20 Electric Contacts for Hinged None ISO 8100-1 has no	2.26.2.20	Electric Contacts for Hinged	None				ISO 8100-1 has no
Car Platform Sills requirements		Car Platform Sills					requirements
2.26.2.21 In-Car Stop Switch 5.12.1.11 5.12.1.11 ISO 8100-1 has differing	2.26.2.21	In-Car Stop Switch	5.12.1.11			5.12.1.11	
requirements							:
2.26.2.22 Buffer Switches for Gas 5.8.2.2.4 5.8.2.2.4	2.26.2.22	Buffer Switches for Gas	5.8.2.2.4	5.8.2.2.4			7
Spring-Return Oil Buffers		Spring-Return Oil Buffers					
2.26.2.23 Stop Switch in Remote 5.12.1.11 5.12.1.11	2.26.2.23	ф	5.12.1.11	5.12.1.11			
Machine and Control Rooms							

A17.1/B44 Requirement Related Clauses Met Clause	Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
Clauses by Column used in addition to Column 1		Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1		
2.26.2.24 Stop Switch for Machinery Spaces or Control Spaces	Requirement		Related		:	- V -	`
Stop Switch for Machinery Spaces Stop Switch for Machinery Spaces or Control Spaces			Clauses	by Column	:		
Stop Switch for Machinery Spaces or Control Spaces				1	:	of Column 1	difference)
Spaces or Control Spaces Blind Hoistway Emergency Door Electric Contact					Column 1		
2.26.2.25 Blind Hoistway Emergency Door Electric Contact 5.2.3.3 5.2.3.3 5.2.3.3 5.2.3.3 5.2.3.3 5.2.6.4.4.1 5.2.6.4.4.1 5.2.6.4.4.1 6.3 6.4 6	2.26.2.24	Stop Switch for Machinery	5.12.1.11	5.12.1.11	4		
Door Electric Contact 2.26.2.26 Pit Access Door Electric Contact 5.2.6.4.4.1 d) 5.2.6.4.4.1 d) 5.2.6.4.4.1 d) 5.2.6.2.27 Stop Switch in Remote Counterweight Hoistways 2.26.2.28 Car Door Interlock 5.2.5.3.1c) 5.2.2.3.1c) 5.2.2.3.1c) 2.26.2.29 Ascending Car Overspeed Protection Device 5.6.6.5 5.6.6.5		Spaces or Control Spaces					
2.26.2.26	2.26.2.25	Blind Hoistway Emergency	5.2.3.3	5.2.3.3	S		
Contact Stop Switch in Remote Counterweight Hoistways 5.12.1.11 5.12.1		Door Electric Contact			81		
2.26.2.27 Stop Switch in Remote Counterweight Hoistways 2.26.2.28 Car Door Interlock 5.2.5.3.1c) 5.2.5.3.1c) 5.2.6.2.29 Ascending Car Overspeed Protection Device 5.6.6.5 5.6.6.5	2.26.2.26	Pit Access Door Electric	5.2.6.4.4.1 d)	5.2.6.4.4.1	~		
Counterweight Hoistways 2.26.2.28 Car Door Interlock 5.2.5.3.1c) 5.2.5.3.1c)		Contact		d))		
2.26.2.28 Car Door Interlock 5.2.5.3.1c) 5.2.53.1c) 2.26.2.29 Ascending Car Overspeed Protection Device 5.6.6.5 3.6.6.5 2.26.2.30 Unintended Car Movement Device 5.6.1.2 5.6.7.8 5.6.1.2 2.26.2.31 Car Access Panel Locking Device 5.4.6.3 5.4.6.3 2.26.2.32 Hoistway Access Opening Locking Device 5.2.3.3 5.2.3.3 2.26.2.33 Firefighters' Stop Switch None ISO 8100-1 has no requirements (See EN 81-77) 2.26.2.34 Unexpected Car Movement Device 5.2.6.4.3.1 b) 5.2.6.4.3.1 b) 5.2.6.4.3.1 b) 2.26.2.35 Equipment Access Panel Electrical Device 5.2.6.4.3.3 e) 5.2.6.4.3.3 e) 6.2.6.4.3.3 e) 2.26.2.36 Working Platform Electrical 5.2.6.4.5.4 a) 5.2.6.4.5.4	2.26.2.27	Stop Switch in Remote	5.12.1.11	5.12.1.11			
2.26.2.29 Ascending Car Overspeed Protection Device 5.6.6.5 \$6.6.5 \$6.6.5 \$1.0.6.5		Counterweight Hoistways					
Protection Device 2.26.2.30 Unintended Car Movement 5.6.1.2 5.6.7.8 5.6.1.2 ISO 8100-1 has differing requirements	2.26.2.28	Car Door Interlock	5.2.5.3.1c)	5.2. 5 .3.1c)			
2.26.2.30 Unintended Car Movement Device 5.6.1.2 5.6.7.8 5.6.1.2 ISO 8100-1 has differing requirements 2.26.2.31 Car Access Panel Locking Device 5.4.6.3 5.4.6.3 2.26.2.32 Hoistway Access Opening Locking Device 5.2.3.3 5.2.3.3 5.2.3.3 1SO 8100-1 has no requirements (See EN 81-77) 2.26.2.33 Firefighters' Stop Switch Device None ISO 8100-1 has no requirements (See EN 81-77) 2.26.2.34 Unexpected Car Movement Device 5.2.6.4.3.1 b) 5.2.6.4.3.1 b) 5.2.6.4.3.3 e) 5.2.6.4.3.3 e) 2.26.2.35 Equipment Access Panel Electrical Device 5.2.6.4.5.4 a) 5.2.6.4.5.4 5.2.6.4.5.4	2.26.2.29	Ascending Car Overspeed	5.6.6.5	5.6.6.5			
Device 5.6.7.8 requirements		Protection Device	. (12			
Device 5.6.7.8 requirements	2.26.2.30	Unintended Car Movement	5.6.1.2	5.6.7.8	5.6.1.2		ISO 8100-1 has differing
Device D		Device	5.6.7.80				
Device Section Section Section Device Section Section	2.26.2.31	Car Access Panel Locking		5.4.6.3			***************************************
Locking Device Stop Switch None ISO 8100-1 has no requirements (See EN 81-77)		:	cjio.				
Locking Device Size	2.26.2.32	Hoistway Access Opening	5.2.3.3	5.2.3.3			
Comparison of		• • • • • • • • • • • • • • • • • • • •	7 .				
Tequirements (See EN 81-77)	2.26.2.33	Firefighters' Stop Switch	None				ISO 8100-1 has no
Car Movement S.2.6.4.3.1 b S.2.6.4.3.1 b S.2.6.4.3.1 See EN 81-77							requirements
Device b) 2.26.2.35 Equipment Access Panel Electrical Device e) 2.26.2.36 Working Platform Electrical 5.2.6.4.5.4 a) 5.2.6.4.5.4							•
Device b) 2.26.2.35 Equipment Access Panel Electrical Device e) 2.26.2.36 Working Platform Electrical 5.2.6.4.5.4 a) 5.2.6.4.5.4	2.26.2.34	Unexpected Car Movement	5.2.6.4.3.1 b)	5.2.6.4.3.1			
Electrical Device e) 2.26.2.36 Working Platform Electrical 5.2.6.4.5.4 a) 5.2.6.4.5.4		: 1	ĺ	b)			
Electrical Device e) 2.26.2.36 Working Platform Electrical 5.2.6.4.5.4 a) 5.2.6.4.5.4	2.26.2.35	Equipment Access Panel	5.2.6.4.3.3 e)	5.2.6.4.3.3			
				e)			
	2.26.2.36	Working Platform Electrical	5.2.6.4.5.4 a)	5.2.6.4.5.4			
- /		Device	ĺ	a)			

Column 1 A17.1/B44	Column 2	Column 3 ISO 8100-1	Column 4 ISO 8100-1	Column 5 ISO 8100-1	Column 6 ISO 81009	Column 7
Requirement	Subject	Related	Clauses Met	Clauses to be	Clauses to be	Comments (note where ISO 8100-1
Requirement		Clauses	by Column	used in	used in place	is in conflict or there is a
		Clauses	by Column 1	addition to	of Column 1	difference)
			1	Column 1	OF COlumn 1	unrerence)
2.26.2.37	Retractable Stop Electrical Device	5.12.1.11	5.12.1.11	alk		
2.26.2.38	Retractable Ladder Electrical Device	5.2.2.4	5.2.2.4	S. P.S.		
2.26.2.39	Sway control	None	ó	5		ISO 8100-1 has no requirements
2.26.3	Contactors and relays in critical circuits	5.10.3.1	5.10.3.1			
2.26.4	Electrical Equipment and Wiring		'ile			
2.26.4.1	Electrical equipment safety	5.10.1	5.10.1		5.10.2	ISO 8100-1 has differing
2.26.4.2	and wiring requirements	5.10.2	5.10.6		5.10.3	requirements
		5.10.30			5.10.4	
		5.10.4			5.10.5	
		5.10.5			5.10.10	
		5.10.6 5.10.10				
2.26.4.3	Safety contacts and SIL O	5.11.2.1	5.11.2.1			
2.20.4.3	contacts	5.11.2.1	5.11.2.1			
	contacts	5.11.2.3	5.11.2.3			
2.26.4.4	Noise susceptibility of safety	5.11.2.1.3	5.11.2.1.3			
2.20	circuits	3.11.2.1.0	2.11.2.1.0			
2.26.5	Door lock monitoring	None				ISO 8100-1 does not
						address door lock monitoring
2.26.6	Phase reversal on poly	5.11.1.2 (j)	5.11.1.2 (j)			
	phase motors					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-1	Comments
Requirement	Ĭ	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
•		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s'	
2.26.7	Making EPDs ineffective	5.11.1.2 (e)	5.11.1.2 (e)	4		
		5.11.2.1.2	5.11.2.1.2	C Alle		
2.26.8	Brake release	5.9.2.2.2.3	5.9.2.2.2.3	8		
		5.9.2.5.4,	5.9.2.5.4,	81		
		5.11.2.4	5.11.2.4	ر ⁰		
2.26.9	Control and Operating		\sim)		
	Circuits		N/			
2.26.9.1	Springs and completion of a	5.11.2.2.1	5.11.2.2.1			
2.26.9.2	circuit to remove power	5.11.2.2.2	5.11.2.2.2			
2.26.9.3	Failure protection	5.11.2.3	1,411		5.11.2.3	ISO 8100-1 has differing
2.26.9.4			7 1			requirements
2.26.9.5	Power removal from the	5.9.2.2.2.3	5.11.2.4		5.9.2.2.2.3	ISO 8100-1 has differing
2.26.9.6	machine and brake relays	5.9.2.50			5.9.2.5	requirements
2.26.9.7		5.9.3.4			5.9.3.4	
2.26.9.8		5.10.3.1.3			5.10.3.1.3	
2.26.9.9		5.11.2.4				
2.26.10	Absorption of Regenerated	None				ISO 8100-1 has no
	Power					requirements
2.26.11	Stopping Accuracy	5.12.1.4	5.12.1.4			
2.26.12	Symbols	EN 81-70			EN 81-70	See EN 81-70
	CONET OR MICHIGAN					
	214					
	2 0.					
	Chr					
	_i		<u>i</u>	<u> </u>	<u> </u>	

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6∩	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 9	Comments
Requirement	,	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
•		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>د</u> ``	ŕ
SECTION 2.27	Emergency Operation and Signaling Devices			K		
2.27.1	Car Emergency Signaling			- 5/4		
	Devices			KP.		
2.27.1.1	Emergency Communication	5.12.3	<u> </u>	5	5.12.3	ISO 8100-1 has differing requirements
2.27.1.1.1	Emergency Communications	5.12.3.1			5.12.3.1	A Remote alarm system
2.27.1.1.2	for all elevators	EN81-28	ETI.			in accordance with EN
2.27.1.1.3			~e`			81-28 is required. The
			wikefully			Alarm button is specified in EN 81-70.
2.27.1.1.4	Emergency Communications	5.12.3.2			5.12.3.2	ISO 8100-1 has differing
	for elevators with rise over	×0				requirements
	18 m (60')	*				•
2.27.1.1.5	Standby or emergency power	5.12.3.2			5.12.3.2	ISO 8100-1 has differing
	for two-way	. O.				requirements
	communications.	\mathcal{V} .				-
2.27.1.1.6	Verify operability of the	5.12.3.1			5.12.3.1	ISO 8100-1 has differing
	telephone line					requirements
2.27.1.2	Emergency stop switch	None				ISO 8100-1 has differing
	audible signal					requirements. The Alarm
	OMIL					button is specified in EN
	.07					81-70
2.27.2	Emergency or Standby	5.9.2.2.2.7			5.9.2.2.2.7	ISO 8100-1 has differing
	Power System					requirements
2.27.2.1	2517	5.9.2.3			5.9.2.3	ISO 8100-1 has differing
						requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100 1	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	S `	
2.27.2.2		5.12.1.6.1			5.12.1.6.1	ISO 8100-1 has differing
2.27.2.2	ļ			<u> </u>		requirements
2.27.2.3		5.9.2.3.4		, P	5.9.2.3.4	ISO 8100-1 has differing
2.27.2.4	Recall and selection	Nana				requirements Not addressed in ISO
2.21.2.4	Recall and selection	None	~	×		8100-1
2.27.2.5	Energy Absorption	None		V		Not addressed in ISO
2.21.2.3	Energy Absorption	None	1113			8100-1
2,27.3	Firefighters' Emergency	None None	.01			Firefighters' Lifts are
2,2,1,0	Operation: Automatic		Alle			covered in EN 81-72
	Elevators	. (N			(5.8.7). Behavior of Lifts
		ji	J			other than Firefighters'
		×O				Lifts is covered in EN
		45.				81-73 (5.3). Number and
		Cillo				size of Firefighters Lifts
		, · ·				are covered by
		7				National/Local Regulations.
2.27.4	Firefighters' Emergency	None				EN 81-72 and EN 81-73
4.41. 4	Operation: Nonautomatic	TAOHE				do not address non-
	Elevators					automatic operation.
	Zie viil (S)					Initiation can be manual
	2					or automatic
2.27.5	Firefighters' Emergency	None				EN 81-72 and EN 81-73
	Operation: Automatic					do not address designated
	Elevators With Designated					attendant operation.
	Attendant Operation					

Column 1	Column 2	Column 3	Column 4	Column 5	Column 60	Column 7
A17.1/B44	Subject	ISO 8100-1	ISO 8100-1	ISO 8100-1	ISO 8100-10	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	<u>S</u>	
2.27.6	Firefighters' Emergency	None		E OF ASHIF		Not addressed in ISO
	Operation, Occupant			CN.		8100-1. Firefighters' Lift
	Evacuation Operation:			, \$2		Operation does not
	Inspection Operation			ŏ'		override Inspection
				\		Operation.
2.27.7	Firefighters' Emergency	None	I the full Pr	V		ISO 8100-1 references
	Operation: Operating Procedures					EN 81-72 (5.8.7 and
	Procedures		(A).			Annex A) which contains extensive documentation
			7/00			on firefighting concepts
			4			and instructions.
2.27.8	Switch Keys	None				See EN 81-72 - 5.8.2
2.27.9	Elevator Corridor Call					Not addressed in ISO
,,,	Station Pictograph	None				8100-1. EN 81-72
		alici				(Annex G) and EN 81-73
		·O,				contain requirements for
		<i>/</i> .				pictograms for FF Lifts.
2.27.10	Reserved for Future Use					
2.27.11	Occupant Evacuation	None				Evacuation Operation is
	Operation					not addressed in ISO
						8100-1.
	2/11					
	O					
	Operation C					
	Chr					
	P					

111/11	DTT Deciton 2 Requ	ii cilicites v		ary requir		OLUU I
Column 1 A17.1/B44	Column 2 Subject	Column 3 ISO 8100-1	Column 4 ISO 8100-1	Column 5 ISO 8100-1	Column 6 ISO 8100-D	Column 7 Comments
Requirement	Subject	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-1
		Clauses	by Column	used in	used in place	is in conflict or there is a
			1	addition to	of Column 1	difference)
				Column 1	s``	,
SECTION 2.28	Layout Drawings			4		
2.28.1	Information Required on	6.1		6.1		ISO 8100-1 has differing
	Layout Drawings	6.2		6.2		requirements
				χ',		
SECTION 2.29	Identification			~		
2.29.1	Identification of	5.1.2	5.1.2	5.6.1.2		ISO 8100-1 has differing
	Equipment	5.2.1.1.2	5.2.1.1.2			requirements
		5.2.6.2	5.2.6.2			
		5.6.1.2	,_@`			
2.29.2	Identification of Floors	None	1,41,			ISO 8100-1 has no
			77			requirements
		7/				
SECTION 2.30	Sway Control Guides	None				ISO 8100-1 has no
		45.				requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-20	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
				addition to	Column 1	difference)
	-			Column 1	<u>S`</u>	
Section 8.1	Security	ISO 8100-1:			ISO 8100-1:	ISO 8100-1 has differing
		5.2.1.2		SN.	5.2.1.2	requirements
		ISO 8100- 1:5.2.2.1		, P	ISO 8100- 1:5.2.2.1	ISO 8100-2 has no
		ISO 8100-		, 0	ISO 8100-	15 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
		1:5.2.3.3		20k of Ashik	1:5.2.3.3	requirement
		ISO 8100-	(2	ISO 8100-	
		1:5.2.4.1			1:5.2.4.1	
		ISO 8100-			ISO 8100-	
		1:Annex D	KUE		1:Annex D	
			N			
Section 8.2	Design Data and Formulas		ilo			
8.2.1	Minimum Rated Load for	ISO 8100-1;	ISO 8100-1:			ISO 8100-1 has differing
	Passenger Elevators	5.4.2.1.3	5.4.2.1.3			requirements
		cjio.				
						ISO 8100-2 has no
						requirement
8.2.2	Electric Elevator Car	9 .				
	Frame Platform Stresses					
8.2.2.1	and Deflections General Requirements	None				ISO 8100-2 has no
0.2.2.1	General Requirements	None				requirements
8.2.2.2	Car Frame Crosshead.	None				ISO 8100-2 has no
0.2.2.2	Cai I faine Gossilead.	TAOHE				requirements
8.2.2.3	Car Frame Plank (Normal)	None				ISO 8100-2 has no
0.2.2.3	Cai I Taine Flank (Troffilal)	TOHE				requirements
			L	i	i	104011011101110

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-20	Comments
Requirement	,	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
•		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
			Ž	addition to	Column 1	difference)
				Column 1	Ġ`	·
8.2.2.4	Car Frame Plank (Buffer	None			,	ISO 8100-2 has no
	Engagement)					requirements
8.2.2.5	Car Frame Uprights (Stiles)	None		8		ISO \$100-2 has no
				41		requirements
8.2.2.6	Freight Elevator Platform	None		_		ISO 8100-2 has no
				0,		requirements
8.2.2.7	Hoisting Rope Hitch Plates	None				ISO 8100-2 has no
	and Shapes		(1/1)			requirements
8.2.3	Impact on Buffer Supports		,_0`			
8.2.3.1	Buffer Reaction and Impact	None	18/1			ISO 8100-2 has no
	for Oil Buffer and		No.			requirements
	Elastomeric Buffer Supports	•	116			
8.2.3.2	Buffer Reaction and Impact	None 🎺				ISO 8100-2 has no
	for Spring Buffer Supports	45.				requirements
8.2.4	Gravity Stopping Distances	5.3.2.3.1		5.3.2.3.1		ISO 8100-2 has differing
		•				requirements
8.2.5	Governor Tripping Speeds	5.4.1		5.4.1		ISO 8100-2 has differing
	C	5.4.2		5.4.2		requirements
	ې ح	5.4.3		5.4.3		
8.2.6	Stopping Distances for Car	5.3.1		5.3.1		ISO 8100-2 has differing
	and Counterweight Safeties	5.3.2		5.3.2		requirements. See
	2/1	5.3.3		5.3.3		A17.1/B44 2.17.3
	OX	5.3.4		5.3.4		
		5.3.5		5.3.5		
8.2.7	Factors of Safety for	5.12			5.12	ISO 8100-1 and ISO
(2.20.3)	Suspension Wire Ropes for	ISO 8100-1:			ISO 8100-1:	8100-2 have differing
	Power Elevators	5.5.2.2			5.5.2.2	requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-20	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
				addition to	Column 1	difference)
				Column 1	6	
Section 8.3	Engineering Tests, Type Tests and Certification			SM		
8.3.1	General Requirements for Tests and Certifications			~ 6,		
8.3.1.1	General	5.1.2.1		5.1.2.1		ISO 8100-2 has differing
				5.1.2.5		requirements
8.3.1.2	Application for Certification	5.1.2.2	5.1.2.2	5.1.2.2	Annex A	ISO 8100-2 has differing
		Annex A	, O `	5.1.2.4		requirements
8.3.1.3	Certification and Test	Annex A	111.		Annex A	ISO 8100-2 has differing
	Records					requirements
8.3.1.4	Changes to Listed/Certified	None	1/2			ISO 8100-2 does not
	Components or Equipment	×O				address
8.3.1.5	Testing Instruments	5.1.2.6		5.1.2.6		ISO 8100-2 has differing
						requirements
8.3.2	Type Tests of Car and	ISO 8100-1:		ISO 8100-1:		ISO 8100-2 has differing
	Counterweight Oil Buffers	6.3.7		6.3.7		requirements
8.3.2.1	Application for Certification	5.5.1		5.5.1		ISO 8100-2 has differing requirements
8.3.2.2	Test Sample	5.5.2	5.5.2			ISO 8100-2 has differing
	1,00					requirements
8.3.2.3	Testing Equipment	none				ISO 8100-2 has no
						requirements
8.3.2.3.1	Calibration of Test Weight		5.5.3.1.2.1			ISO 8100-2 has differing
		5.5.3.1.2.1				requirements
8.3.2.3.2	Guiding of Test Weight	5.5.3.1.2.1		5.5.3.1.2.1		ISO 8100-2 has differing
						requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-20	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
				addition to	Column 1	difference)
				Column 1	5	
8.3.2.3.3	Test Instruments	5.5.3.1.2.2		5.5.3.1.2.2	,	ISO 8100-2 has differing
		5.5.3.1.2.3		5.5.3.1.2.3		requirements
		5.5.3.1.2.4		5.5.3.1.2.4		
		5.5.3.1.2.5		5.5.3.1.2.5		
		5.5.3.1.3		5 .5.3.1.3		
8.3.2.4	Installation of Buffer and Preparations for Tests			5 ₀ ,		
8.3.2.4.1	Foundation and Location of	5.5.3.1.4	5.5.3.1.4			ISO 8100-2 has differing
	Buffer		. O`			requirements
8.3.2.4.2	Securing of Buffer	5.5.3.1.4	5.5.3.1.4			ISO 8100-2 has differing
			<u> </u>			requirements
8.3.2.4.3	Special Adjustments	None	1/6			ISO 8100-2 has no
		×O				requirements
8.3.2.4.4	Filling Buffer With Oil	5.5.3.1.5	5.5.3.1.5			ISO 8100-2 has differing requirements
8.3.2.5	Buffer Tests	5.5.3.1.6			5.5.3.1.6	ISO 8100-2 has differing
		<i>d</i> .				requirements
8.3.2.6	Certification	5.5.3.1.7	5.5.3.1.7	5.5.4		ISO 8100-2 has differing
	ر ر	5.5.4				requirements
8.3.3	Type Tests of Interlocks,					
	Combination Mechanical					
	Locks and Contacts, and					
	Door or Gate Contacts					
8.3.3.1	General	5.2.1.1	5.2.1.1			
8.3.3.2	Examination Before Test	5.2.1.2		5.2.1.2		ISO 8100-2 has differing
	SM	5.2.1.3		5.2.1.3		requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-20	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
				addition to	Column 1	difference)
				Column 1	5	
8.3.3.3	General Requirements	5.2.4		5.2.4		ISO 8100-2 has differing
				CQI,		requirements
8.3.3.3.1	Connections for and Test of	None		No.		ISO 8100-2 has no
	Electrical Parts			<i>\(\(\)</i>		requirements
8.3.3.3.2	Retesting of Electric Contacts	None		4		ISO 8100-2 has no
	Previously Tested			0),		requirements
8.3.3.3.3	Tests of Retiring Cams or	None		K		ISO 8100-2 has no
	Equivalent Devices					requirements
8.3.3.3.4	Tests of Hoistway Door	None	· enthe			ISO 8100-2 has no
	(Runway Door) Combination		111.			requirements
	Mechanical Locks and		No.			
	Electric Contacts.	•				
8.3.3.4	Required Test and Procedure	5.2.2.2.1		5.2.2.2.1		ISO 8100-2 has differing
		5.2.3.1		5.2.3.1		requirements
		5,2.3.2		5.2.3.2		
8.3.3.4.1	Endurance Test	5.2.2.2.2	5.2.2.2.2	5.2.2.2.4		ISO 8100-2 has differing
		5.2.2.2.4	5.2.2.3			requirements
	ر ا	5.2.2.3	5.2.2.4.1			
		5.2.2.4.1				
8.3.3.4.2	Current Interruption Test	5.2.2.4.2	5.2.2.4.2			
8.3.3.4.3	Test Without Lubricant	None				ISO 8100-2 has no
	Sh.					requirements
8.3.3.4.4	Test in Moist Atmosphere	None				ISO 8100-2 has no
						requirements
8.3.3.4.5	Misalignment Test	None				ISO 8100-2 has no
	S					requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6 🥎	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-20	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
				addition to	Column 1	difference)
				Column 1	S	
8.3.3.4.6	Insulation Test	5.2.2.4.3		5.2.2.4.3		ISO 8100-2 has differing
						requirements
8.3.3.4.7	Force and Movement Test	None		N.		ISO 8100-2 has no
				χ,		requirements
8.3.3.4.8	Static Test	5.2.2.2.3	5.2.2.2.3	4		
8.3.3.4.9	Examination of electrical	5.2.2.4.3		5.2.2.4.3		ISO 8100-2 has differing
	Spacings	5.2.2.4.4		5.2.2.4.4		requirements
		5.2.2.4.5	(1/3	5.2.2.4.5		
8.3.3.4.10	Examination of Operation	5.2.2.1	5.2.221			
8.3.3.4.11	Testing of Bridging Means	5.2.2.1	5.2.2.1			
8.3.4	Entrance Fire Type Tests		. O. M			
8.3.4.1	Test of Entrance Assemblies,	ISO 8100-1:	110		ISO 8100-1:	ISO 8100-1, ISO 3800-2
	Horizontally Sliding and	5.3.5.2			5.3.5.2	have differing
	Swinging Types and	ISO 3800-2			ISO 3800-2	requirements. ISO 8100-2
	Vertically Sliding Types					has no requirements
8.3.7	Vertical Burn Engineering	. · . ·				
	Test	Z _{II}				
8.3.7.1	Conditioning	None				ISO 8100-1 has no
	ر ,>	/				requirements
8.3.7.2	Specimen Configuration	None				ISO 8100-1 has no
						requirements
8.3.7.3	Apparatus	None				ISO 8100-1 has no
	,OX					requirements
8.3.7.4	Test	None				ISO 8100-1 has no
						requirements
8.3.7.5	Burn Length	None				ISO 8100-1 has no
	P					requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-22	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
				addition to	Column 1	difference)
				Column 1	<u>6</u>	
8.3.7.6	Acceptance Criteria	None		.<		ISO 8100-1 has no
				CO.		requirements
8.3.8	Test Method for Evaluating	None		, AS		ISO 8100-1 has no
	Room Fire Growth			of of PS		requirements
	Contribution of Textile			\sim		
0.0.1.0	Wall Covering					770001001
8.3.12	Suspension Member Tests	None	THE WILL			ISO 8100-1 and ISO
(2.20.11)			<i>(b)</i> .			8100-2 have no
0.2.12	DI 4 · D cc	100 0100 1		100 0100 1		requirements.
8.3.13	Elastomeric Buffers	ISO 8100-1: 6.3.7	7,	ISO 8100-1: 6.3.7		ISO 8100-1/2 has
8.3.13.1	Application for Certification	5.5.1		5.5.1		differing requirements ISO 8100-2 has differing
6.3.13.1	Application for Certification	3.3.1	7,	3.3.1		requirements
8.3.13.2	Test Sample	5521	5.5.2			ISO 8100-2 has differing
0.3.13.2	rest Sample	5.5.2	3.3.2			requirements
8.3.13.3	Testing Equipment	none				ISO 8100-2 has no
0.5.15.5	resting Equipment	· Hone				requirements
8.3.13.3.1	Calibration of Test Weight	5.5.3.1.2.1	5.5.3.1.2.1		5.5.3.2.2	ISO 8100-2 has differing
0.5.15.5.1	Canoration of Test Weight	5.5.3.2.2	3.3.3.1.2.1		3.3.3.2.2	requirements
8.3.13.3.2	Guiding of Test Weight	5.5.3.2.1		5.5.3.2.1	5.5.3.2.2	ISO 8100-2 has differing
3.5.15.5.2	Surum of 1880 West	5.5.3.2.2		0.0.0.2.1	0.0.0.2.2	requirements
8.3.13.3.3	Test Instruments	5.5.3.1.2.2		5.5.3.1.2.2	5.5.3.2.2	ISO 8100-2 has differing
		5.5.3.1.2.3		5.5.3.1.2.3		requirements
	,20	5.5.3.1.2.4		5.5.3.1.2.4		•
		5.5.3.1.2.5		5.5.3.1.2.5		
	ASHENOR	5.5.3.1.3		5.5.3.1.3		
	P 3	5.5.3.2.2				

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6 🕥	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-2	Comments
Requirement	Subject	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
Requirement		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
		Clauses	by Column 1	addition to	Column 1	difference)
				Column 1	Column 1	difference)
8.3.13.4	Installation of Buffer and			Column 1	S	
8.3.13.4				- 1/4		
	Preparations for			SN.		
8.3.13.4.1	Tests Foundation and Location of	55214	5.5.3.1.4	- 6	55224	ISO 8100 2 has differing
8.3.13.4.1	Buffer	5.5.3.1.4	5.5.5.1.4	, 0	5.5.3.2.4	ISO 8100-2 has differing
0.0.10.4.0		5.5.3.2.4	5.5.0.1.4		7.7.0.4	requirements
8.3.13.4.2	Securing of Buffer	5.5.3.1.4	5.5.3.1.4		5.5.3.2.4	ISO 8100-2 has differing
00105		5.5.3.2.4				requirements
8.3.13.5	Test Procedure		Ø,			
8.3.13.5.1		5.5.3.2.1	5.5.3.2.1			ISO 8100-2 has differing
8.3.13.5.2		5.5.3.2.3	5,5.3.2.3			requirements
8.3.13.5.3						
8.3.13.5.4	Number of Tests	5.5.3.2.5	1/2	5.5.3.2.5		ISO 8100-2 has differing
		vO				requirements
8.3.13.6	Test Results	. *				
8.3.13.6.1	Retardation	5.5 .3.2. 6.1	5.5.3.2.6.1			ISO 8100-2 has differing
						requirements
8.3.13.6.2	Condition of the Buffer After	5.5.3.2.6.2	5.5.3.2.6.2			ISO 8100-2 has differing
	Tests	O,				requirements
8.3.13.7	Certification					7
8.3.13.7.1	~	5.5.4		5.5.4		ISO 8100-2 has differing
8.3.13.7.2	,00					requirements
8.3.13.7.3	Procedure When Buffers Fail	5.5.3.2.7	5.5.3.2.7			ISO 8100-2 has differing
	the Tests					requirements
	A					A
	SN.					
b	· b· · · · · · · · · · · · · · · · · ·	h	4			bi

01 1	C 1 2		<i>C</i> 1 4		Q 1 (-)	C 1 7
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-20	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
				addition to	Column 1	difference)
				Column 1	6	ŕ
Section 8.6	Maintenance, Repair,			. (
2000	Replacement and Testing			- M		
8.6.1	General Requirements			8		
8.6.1.1	Maintenance, Repair and	ISO 8100-1:	ISO 8100-1:	ξY		ISO 8100-1 has differing
	Replacement	7.2.3	7.2.3	ΛΟ.		requirements. ISO 8100-2
	r	ISO 8100-1:	ISO 8100-1:	O_{χ}		has no requirements
		7.2.4	7.2.4	ζ *		1
		ISO 8100-1:	ISO 8100-1			
		Annex C	AnnexC			
8.6.1.2	General Maintenance	ISO 8100-1:	ISO 8100-1:		ISO 8100-1:	ISO 8100-1 has differing
	Requirements	7.1	7.2.3		7.1	requirements. ISO 8100-2
	1	ISO 8100-1:	SO 8100-1:			has no requirements
		7.2.3	7.2.4			1
		ISO 810041:	ISO 8100-1:			
		7.2.4	7.3			
		ISO 8100-1:				
		7.3				
8.6.1.3	Maintenance Personnel	ISO 8100-1:	ISO 8100-1:			ISO 8100-1 has differing
		7.2.2	7.2.2			requirements. ISO 8100-2
	℃ .					has no requirements
8.6.1.4	Maintenance Records	ISO 8100-1:			ISO 8100-1:	ISO 8100-1 has differing
		7.3			7.3	requirements. ISO 8100-2
	2					has no requirements
8.6.1.5	Code Data Plate	None				ISO 8100-1 and ISO
						8100-2 have no
	CAIL					requirements
Li		t	<u> </u>	L	<u>.</u>	1

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-20	Comments
Requirement		Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
				addition to	Column 1	difference)
				Column 1	S	
8.6.1.6	General Maintenance	ISO 8100-1	ISO 8100-1			ISO 8100-1 has differing
	Methods and Procedures	7.2.3	7.2.3	SIM		requirements. ISO 8100-2
				, 63		has no requirements
8.6.1.7	Periodic Tests	ISO 8100-1	ISO 8100-1	8,		ISO 8100-1 has differing
		7.2.4	7.2.4	~		requirements. ISO 8100-2
		ISO	ISO 8100-1:	O,		has no requirements
		8100-1: 7.3.1	7.3.1	<		
8.6.2	Repairs	ISO 8100-1	ISO 8100-1			ISO 8100-1 has differing
		7.3.1	7.3.1			requirements. ISO 8100-2
			1/1.			has no requirements
8.6.3	Replacements	ISO 8100-1	ISO 8100-1			ISO 8100-1 and ISO
		Annex C:C2	Xnnex C:C2			8100-2 have no
		140				requirements addressing
		· 6				replacements beyond the
		Cille				requirements of ISO
		Annex C:C2				8100-1 and 8100-2.
		U)				See ISO 8100-1 Annex C:
	C	O				C.2 (Examinations and
	\sim					testes after an important
						modification or after an
						accident)
8.6.4	Maintenance and Testing of					See also EN 13015
0.0.4	Electric Elevators					See also EN 13013
8.6.4.1	Suspension and	ISO 8100-1	ISO 8100-1			ISO 8100-1 has differing
	Compensating Means	7.2.3	7.2.3			requirements. ISO 8100-2
	AS .					has no requirements

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6 🕥	Column 7
A17.1/B44	Subject	ISO 8100-2	ISO 8100-2	ISO 8100-2	ISO 8100-20	Comments
Requirement	,	Related	Clauses Met	Clauses to be	Clauses to be	(note where ISO 8100-2
		Clauses	by Column 1	used in	used in place of	is in conflict or there is a
				addition to	Column 1	difference)
				Column 1	S	
8.6.4.2	Governor Wire Ropes	ISO 8100-1	ISO 8100-1	.		ISO 8100-1 has differing
		7.2.3	7.2.3	CVII.		requirements. ISO 8100-2
		ISO 8100-1	ISO 8100-1	, De		has no requirements
		7.2.4	7.2.4	of VENIL		
8.6.4.3	Lubrication of Guide Rails	ISO 8100-1	ISO 8100-1	4		ISO 8100-1 has differing
		7.2.3	7.2.3	² O,		requirements. ISO 8100-2
				K		has no requirements
8.6.4.4	Buffers	ISO 8100-1	ISO 8100-1			ISO 8100-1 has differing
		7.2.3	7.23			requirements. ISO 8100-2
0 5 4 5		TGO 0100 1	Y000 0100 1			has no requirements
8.6.4.5	Safety Mechanisms	ISO 8100-1	ISO 8100-1			ISO 8100-1 has differing
		7.2.3	7.2.3			requirements. ISO 8100-2
0.646	D1	ICO 0100 1	ICO 0100 1			has no requirements
8.6.4.6	Brakes	ISO 8100-1 7.2.3	ISO 8100-1 7.2.3			ISO 8100-1 has differing
		ISO 8100-1	7.2.3 ISO 8100-1			requirements. ISO 8100-2 has no requirements
		7.2.4	7.2.4			nas no requirements
8.6.4.7	Cleaning of Hoistways and	ISO 8100-1	ISO 8100-1			ISO 8100-1 has differing
0.0.4.7	Pits	7.2.3	7.2.3			requirements. ISO 8100-2
	~ . ·	ISO 8100-1	ISO 8100-1			has no requirements
	~ 0°	7.2.4	7.2.4			nas no requirements
8.6.4.8	Machinery Spaces, Machine	ISO 8100-1	ISO 8100-1			ISO 8100-1 has differing
	Rooms, Control Spaces, and	7.2.3	7.2.3			requirements. ISO 8100-2
	Control Rooms					has no requirements
8.6.4.9	Cleaning of Tops of Cars	ISO 8100-1	ISO 8100-1			ISO 8100-1 has differing
	Chr.	7.2.3	7.2.3			requirements. ISO 8100-2
	\$ 3					has no requirements