

ISO 4302:2016-10 (E)

Cranes - Wind load assessment

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms, definitions, symbols and abbreviated terms	1
4	Wind pressure	2
5	In-service wind	3
5.1	General	3
5.2	Action of in-service wind on suspended load	3
5.3	Wind load calculations	4
5.4	Shape coefficients for individual members, frames, etc	4
5.5	Shielding factors -- Multiple frames or members	5
5.6	Wind loads on individual members (inclined to the wind direction)	7
6	Out-of-service wind	7
6.1	General	7
6.2	Loads due to out-of-service wind	8
6.3	Equivalent static out-of-service wind pressure	8
6.4	Wind loads on individual members (inclined to the wind direction)	9
6.5	Storm wind maps	9
Annex A (informative) Reference storm wind speeds		11
Bibliography		22