

Questionnaire for Electro-Magnets

Requested Scope of Supply:

- lifting beam
- magnets
- controller / power supply
- battery back-up
- cable reel with cable
- plugs/sockets/connectors
- cable set for installation on the crane
- push button control unit

Time: min

YES NO

Installation:

- indoors
- outdoors

YES NO

Climate:

- temperature min./max.
- humidity
- saline atmosphere / harbour

	°C
	%
yes	no

Crane:

- capacity	t	- span	m
- classification *)		- hoisting speed	m/min.
- age of crane		- frequency controlled	yes / no
- single Hook		- brand of crane	
- double Hook		- dist. betw. crane hooks	m
- trolley/crab with rotation		yes	no
- if 2 trolleys, independent movable		yes	no
- height from ground floor to crane hook			m
- height from ground floor to position of cable reel			m
- control	cabin	remote/radio	pendant
- mains voltage	voltage	frequency	
	x V/AC	Hz	

*) eg. acc. to FMI 1.001, EN 13001

Required time cycle of operation:

- ED / duty cycle / operation cycle
- expected number of load cycles per hrs.
- approx. service time of equipment per day

	%
	cycles
	hrs.

Description of application

	YES	NO
- loading/unloading of trucks		
- loading/unloading of vessels		
- loading/unloading of railway wagons		
- charging/discharging roller table		
- warehouse handling		
- turning of material horizontally		
- turning of material vertically		

Application:

Material to be lifted

I-beams:

type

- length
- width
- height

transport of single units

- weight

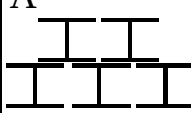
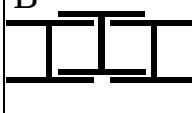
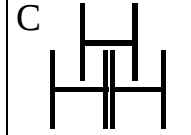
transport of layers

- layer weight
- layer width

mode of storing A
of layers B
C

transport of bundles

- bundle weight
- bundle length
- bundle width
- bundle height
- strapped

min.	m	max.	m
min.	mm	max.	mm
min.	mm	max.	mm
yes		no	
max.		kg	
yes		no	
max.		kg	
min.	m	max.	m
A	B	C	
			
yes		no	
max.		kg	
min.	m	max.	m
min.	mm	max.	mm
min.	mm	max.	mm
yes		no	

Remarks:

Material to be lifted

slabs/ingots/blooms/billets:

- length	min. m	max. m
- width	min. mm	max. mm
- thickness / height	min. mm	max. mm
- weight	max. kg	
- temperature	max. °C	
transport of layers	yes	no
- weight per layer	max. kg	
- width per layer	min. mm	max. mm
- no. billets per layer	 pcs. of x mm	
- for slab lifting, is it requested to turn those slabs over the edge (upside down)?	yes	no

coils:

- wire coils	yes	no
- sheet coils	yes	no
- axle	horizontal	vertical
- width / height	min. mm	max. mm
- inside Ø	min. mm	max. mm
- outside Ø	min. mm	max. mm
- weight	max. kg	
- temperature	max. °C	
- strapped / packed	yes	no

(if yes specify detail under remarks)

Remarks:

Material to be lifted

plates/sheets:

- length
- width
- thickness
- sheets per lift
- weight
- temperature
- possibility to lift
single plates with a
min. thickness of

min.	mm	max.	mm
min.	mm	max.	mm
min.	mm	max.	mm
units			
max.		kg	
max.		°C	
yes		no	
min. thickness		mm	

plate/sheet packets:

- packet length
- packet width
- packet height
- single sheet thickn.
- no. per packet / lift
- strapped / packed

min.	mm	max.	mm
min.	mm	max.	mm
min.	mm	max.	mm
min.	mm	max.	mm
..... pcs. of mm (thickness)			
yes		no	

(if yes specify detail under remarks)

Remarks:

Material to be lifted

pipes:

type	A	B	C
			
- outside Ø	min. mm	max. mm	
- length	min. m	max. m	
- width	min. mm	max. mm	
- height	min. mm	max. mm	
- wallthickness	min. mm	max. mm	
transport of single units	yes	no	
- weight	max. kg		
transport of layers	yes	no	
- weight per layer	max. kg		
- width per layer	min. mm	max. mm	
- no. pipes per layer	 pcs. of x mm or Ø		

pipe bundles:

type	A	B	C
			
- bundle Ø (if round)	min. mm	max. mm	
- bundle length	min. m	max. m	
- bundle width	min. mm	max. mm	
- bundle height	min. mm	max. mm	
- bundle weight	min. kg	max. kg	
- way of strapping			
mode of storing (please insert sketch)			

Remarks:

Material to be lifted

profiles/rebar:

type

A	☐
B	☐
C	☐
D	☐
E	☐
F	☐

A 	B 	C 
D 	E 	F REBAR

specification of single bars

- length
- width
- height
- diameter
- wall thickness
- transport of bundles
- temperature
- bundle diameter
- no. of bundles
- no. of bundles
- bundle weight
- no. of bindings

min.	m	max.	m
min.	mm	max.	mm
min.	mm	max.	mm
min.	mm	max.	mm
min.	mm	max.	mm
yes	no		
max.		°C	
min.	mm	max.	mm
pcs. with max. Ø			
pcs. with min. Ø			
min.	t	max.	t
.... x short bundles		 x long bundles	

(please specify details under remarks)

mode of storing
(please insert sketch)

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Remarks:
