

CRANE CLASSIFICATION FEM 1.001

Type of Appliance Designation	Particulars nature of use	Appliance group

<i>Hand-operated appliances</i>	...	A1 - A2
<i>Erection cranes</i>	...	A1 - A2
<i>Erection and dismantling cranes for power stations, machine shops, etc.</i>	...	A2 - A4
<i>Stocking and reclaiming transporters</i>	Hook duty	A5
<i>Stocking and reclaiming transporters</i>	Grab or Magnet	A6 - A8
<i>Workshop cranes</i>	...	A3 - A5
<i>Overhead travelling cranes, pig-breaking Cranes, scrap yard cranes</i>	Grab or magnet	A6 - A8
<i>Ladle cranes</i>	...	A6 - A8
<i>Soaking-pit cranes</i>	...	A8
<i>Stripper cranes, open-hearth furnace- Charging cranes</i>	...	A8
<i>Forge crane</i>	...	A6 - A8
<i>Bridge cranes for unloading, bridge cranes For containers</i>	Hook or spreader duty	A5 - A6
<i>Other bridge cranes (with crab and/or slewing jib crane)</i>	Hook duty	A4
<i>Bridge cranes for unloading, bridge cranes (with crab and/or slewing jib crane)</i>	Grab or magnet	A6 - A8
<i>Dry dock cranes, shipyard jib cranes, jib cranes for dismantling</i>	Hook duty	A3 - A5
<i>Dockside cranes (slewing, on gantry), floating cranes and pontoon derricks</i>	Hook duty	A5 - A6
<i>Dockside cranes (slewing, on gantry), floating cranes and pontoon derricks</i>	Grab or magnet	A6 - A8
<i>Floating cranes and pontoon derricks for very heavy loads (usually greater than 100 t)</i>	...	A2 - A3
<i>Deck cranes</i>	Hook duty	A3 - A4
<i>Deck cranes</i>	Grab or magnet	A4 - A5
<i>Tower cranes for building</i>		A2 - A3
<i>Railway cranes allowed to run in train</i>		A4

OPERATING GROUP OF MECHANISM

Load Spectrum	Average Daily Operating Time (hours / day)					
	<= 0.5	<= 1	<= 2	<= 4	<= 8	<= 16
Light			M3 / 1Bm	M4 / 1Am	M5 / 2m	M6 / 3m
Medium		M3 / 1Bm	M4 / 1Am	M5 / 2m	M6 / 3m	M7 / 4m
Heavy	M3 / 1Bm	M4 / 1Am	M5 / 2m	M6 / 3m	M7 / 4m	
Very Heavy	M4 / 1Am	M5 / 2m	M6 / 3m	M7 / 4m	M8	