

Machinery Detail

S.No	Name of Machine	Quantity	Capacity	Machine Detail
1	CNC Cutting Machine (OXY Fuel & Plasma)	1	Thickness up to 150 mm, Size- 3100*26000 mm	 CNC Cutting Machine (Made in Japan)

2	Double Cantilever Beam Welding Machine & Automatic SAW welding Machine	3	1000 Amp	 Automatic Double Headed Saw Welding Machine
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3	Mig Welding Machine	17	500 AMP	
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4	Arc Welding Machine	17	400 AMP	 The image shows a CRUXWELD ARC400 Inverter Arc Welding Machine. It is a blue and black unit with a carrying handle on top. The front panel features a digital display, several control knobs, and a 'Current Meter'. The text 'ARC400' and 'DC INVERTER' are prominently displayed. Two thick black welding cables are connected to the front, one with a red clamp and the other with a black clamp. A welding torch is also visible, connected to the machine. The CRUXWELD logo is visible on the side of the unit.
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5	CNC Drilling Machine	1	Drilling Capacity 40 mm Dia.*120mm Thickness, Area 4100*14500m m	 CNC Drilling Machine (Made in Taiwan)
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6	Facilities for surface preparation Gauge / metallizing/ painting as per IRS B-1 Specification	3	SA2.5 /Flame Spray	
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7	Electric Overhead	1	20 Ton	
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8	traveling Crane (E.O.T)		3 15 Ton	
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9	Compressor	2	2.15 m3/min & 7.28 m3/min	
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10	Radial Drill Machine (12 to 50mm)	1	Drilling Capacity 50 mm	
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11	End Milling Machine	1	End milling area 1500*3000mm	 End Face Milling Machine
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12	Plate & Structural Section Straitening Machine	1	Flange 300- 1200mm, Web >350mm	 H-Beam Straightening Machine
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13	Adequate no of portable pneumatic tool such as grinder, drilling m/c, chipping m/c wrenches etc.	20 15	50 mm & 85 mm AG7, AG5 & AG4	
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14	Dumpy level or theodolite instrument for recording of camber/deflection of trial erected girder.	1	Magnification 32X, Max Distance 120 m	
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15	Welding and Gas Cutting Equipment	30	Up to 100 mm cutting	
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16	A) to test the raw material and girders to conform it for relevant specification, testing facilities for the following must be provided:- (a) Elco meter for measuring thickness of paint. (b) Steel measuring tape duly calibrated	1	(a) 0-1500 micron (b) 0-15000 mm	
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Plant

Assembly Area



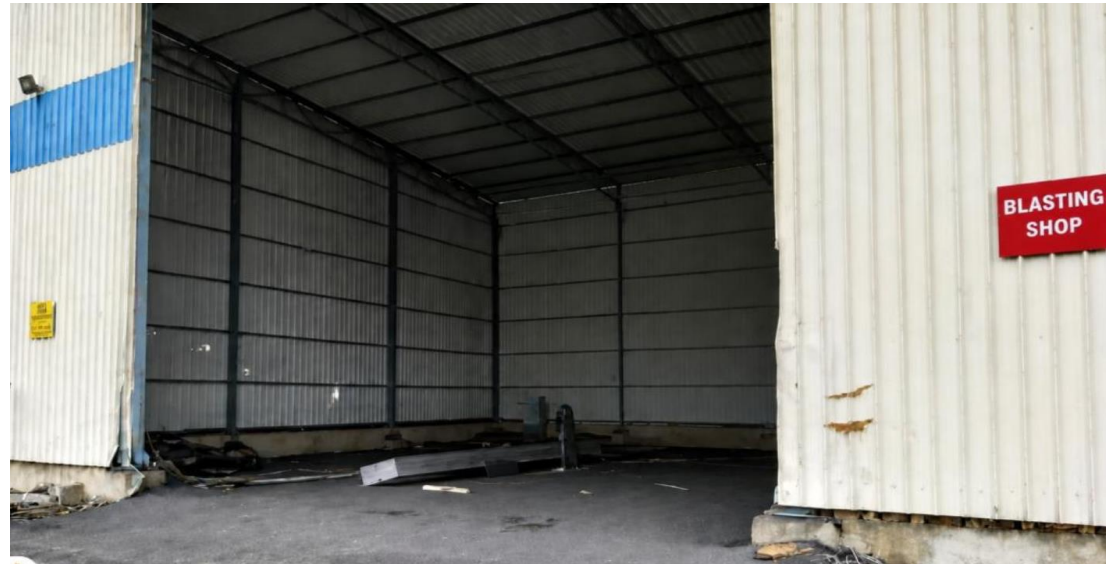
Layout Area



Stacking Area



Blasting Shop



Painting Shop

