

LIST OF EQUIPMENTS AND MACHINERY

a. MACHINING EQUIPMENTS

01.12.2019

Nr. crt.	Name	Characteristics	Worked Material	Remarks
1	OXY and Plasma-cutting machine CNC	thk 2-25 mm (dimension 2500x8000)	carbon & stainless steel	AirLiquid - Nertajet 350 A
		thk 10-160 mm (dimension 2500x8000)	carbon	AirLiquid - Oxytome 25 Hpi
2	Laser-cutting machine , Bystronic 4400 W	thk < 25 mm (dimension 2000x4000)	carbon & stainless steel	Bystronic , Bysprint Pro 4020
3	Band saw	d=10-300 mm	carbon & stainless steel	BEHRINGER
4	Band saw	d < 800 mm	carbon & stainless steel	DISPA D-Y 800
5	Abkant-bending machine Bystronic 320 To/4100 mm	thk 5-10 , Length 4000	stainless steel	Bystronic , Xpert 320/4100
		thk 12-20, Length 2000	stainless steel	
		tht 5-12, Length 4000	carbon	
		thk 15-25, Length 2000	carbon	
6	Shearing machine	tht 5-8, Length max 4000	carbon & stainless steel & ALU	I.MA.L
7	Sheet roling machine FACCIN	tht 2-25, Length 3000 , Dmin.= 490 mm	carbon	FACCIN 3HEP-S75
		tht 2-22, Length 3000 , Dmin.= 490 mm	stainless steel	
8	Welding machines	AirLiquid SAF-FRO Digisteel 420= 5 pcs; SAFR-FRO Safmig 400 BLX=11 pcs	carbon & stainless steel	MIG/MAG
		AirLiquid SAF-FRO Prestotig 350; SAF-FRO Prestotig 240		TIG
		AirLiquid SAF-FRO Luftarc 500; SAF-FRO Luftarc 350		SMAW
		Welding positioning Equipments MPR300=2 pcs, MPR1000=2pcs; MPR3000=1		
9	Sandblasting box	LxWxH=8000x4000x3000		metallic blasting product 0,8mm
10	Painting box	LxWxH=6000x4000x3000	primer & email	airless, air-spray
11	Vertical turning Lathe 1700, ROMAN	Dmax=1640mm; Lmax=1000; 5000kg	carbon & stainless steel & ALU	
12	Vertical turning Lathe 1400, TITAN	Dmax=1400mm; Lmax=1000; 3000kg	carbon & stainless steel & ALU	
13	Conventional Horiz. Lathe	Dmax=500; L=1000mm	carbon & stainless steel & ALU	x2
14	Conventional Horiz. Lathe ZMM C10TH/2000	Dmax=750; L=2000mm	carbon & stainless steel & ALU	
15	Radial drilling machine	dmax=60mm	carbon & stainless steel & ALU	D worked part max 1200 mm
16	Milling machine	dmax=50mm	carbon & stainless steel & ALU	Lmax=300mm ; Wmax=170mm
17	Milling machine	dmax=120mm	carbon & stainless steel & ALU	Lmax=1000mm; Wmax=600mm
18	Boring and milling machine BORWERK, UNION 110/6	X=2000,Y=1200,Z=1000mm;	carbon & stainless steel & ALU	
19	Milling machine FLP	dmax=150mm	carbon & stainless steel & ALU	Lmax=3000mm ; Wmax=800mm
20	Horiz. Lathe CNC PUMA 280L, DOOSAN	dmax=420mm; Lmax=1000; 220kg	carbon & stainless steel & ALU	
21	Horiz. Lathe CNC LYNX 220LC, DOOSAN	dmax=320mm; Lmax=525; 120kg	carbon & stainless steel & ALU	
22	Horiz. Lathe CNC LYNX 2100LB, DOOSAN	dmax=350mm; Lmax=550mm; 150kg	carbon & stainless steel & ALU	
23	Machining centre vertical CNC DNM 650, DOOSAN	X=1270,Y=670,Z=625mm; 1000kg	carbon & stainless steel & ALU	
24	Machining centre horiz. CNC HP5100II, DOOSAN	X=850,Y=700,Z=750mm; 500kg	carbon & stainless steel & ALU	

b MEASURING EQUIPMENTS

Nr. crt.	Name	Characteristics	Accuracy	Remarks
1	3D Mesuring arm	1800 mm	0,012 mm	TRIMOS A5-1800
2	Callipers	150-1500mm	0.1mm	
3	Alezometre	25-125mm	0.01mm	
4	Micrometers inside mesurement	50-1000mm	0.01mm	
5	Micrometers outside mesurement	0-250mm	0.01mm	
6	Micrometers for threads	0-125mm	0.01mm	
7	GO/NO GO Thread gage			Type of thread M, G, R

c TESTING; INSPECTION

Nr. crt.	Name	Outside	Inside	Remarks
1	RX	x		by an authorised laboratory
2	UT		x	by authorised personnel
3	MT/PT		x	by authorised personnel
4	Visual control of welds		x	by authorised personnel
5	Dimensional control		x	
6	Painting coat thickness		x	
7	Hydrotest		x	