

II.2.1 FACILITIES FOR DESTRUCTIVE / NON -DESTRUCTIVE TESTING

B TESTING FACILITIES

**FOLLOWINGS TESTING FACILITY REQUIRED BY OUR MAJOR CUSTOMER
IN OUR HYDRAULIC PRODUCTS MENTIONED BELOW**

FOLLOWING INSTRUMENTS WE HAVE IMPLEMENTED AT OUR WORKSHOP TO GIVE TQM.

**CALIBRATION STATUS / ACCURACY OF ALL THE INSTRUMENT AND GAUGES VERIFIED
BEFORE COMMENCEMENT**

AQL - IS TOLERANCE LIMIT WITH IN +/- 0.01 TO 0.5 FOR ABOVE PART DIAMENSION

SR. NO.	DESCRIPTION	RANGE	WORK SHOP PLACE	MAKE /MODEL
1	SAMPLES FOR SEAMLESS TUBES	UP TO 2 INCH	MUMBAI	TATA STEEL
2	VERNIER CALIPERS -MECHANICAL	UP TO 6 INCH	MUMBAI	MITUTOYO
3	VERNIER CALIPERS -DIGITAL	UP TO 8 INCH	MUMBAI	MITUTOYO
4	DIAL VERNIER	UP TO 8 INCH	MUMBAI	MITUTOYO
5	MICROMETER	UP TO 25 MM	MUMBAI	MITUTOYO
6	MICROMETER	UP TO 50 MM	MUMBAI	MITUTOYO
7	HEIGHT GAUGE WITH VERNIER	UP TO 10 INCH	MUMBAI	MITUTOYO
8	SURFACE PLATE	24 " x 24"	MUMBAI	TATA STEEL
9	THREAD RING & PLUG GUAGES	ALL SETS	MUMBAI	UNIVERSAL
10	HYDRAULIC TEST PUMP	UP TO 10000 PSI	MALAD WORKS	LOCAL

	DETAILS OF PRODUCTS	TEST REQUIRE	INHOUSE	GOVT. APPRD LAB.
1	TUBE FITTINGS	VISUAL	YES	
	(SINGLE FERRULE TYPE)	DIAMENSION	YES	
	(DOUBLE FERRULE TYPE)	LEAKAGE TEST	YES	
	SOCKET WELD TYPE	HYDRO PRESSURE	YES	
	FORGED TYPE	FITTIMENT & ASSEMBLY	YES	
	INSTRUMENT FITTINGS	CHEMICAL		YES

SR. NO.	DESCRIPTION	RANGE	WORK SHOP PLACE	GOVT. APPRD LAB.
2	PRESURE & FLOW	VISUAL	YES	
	CONTROL VALVES	DIAMENSION	YES	
		LEAKAGE TEST	YES	
	CHECK VALVES	HYDRO PRESSURE	YES	
	FLOW CONTROL VALVES	FITTIMENT & ASSEMBLY	YES	
	NEEDLE VALVES	CHEMICAL		YES
	MANIFOLD VALVES			
	BALL VALVES			

3	STEEL FLANGES	VISUAL	YES	
		DIAMENSION	YES	
	BUTT WELD / SOCKET WELD	LEAKAGE TEST	YES	
	& OTHERS	HYDRO PRESSURE	YES	
		FITTIMENT & ASSEMBLY	YES	
		CHEMICAL		YES

4	PIPE CLAMP	VISUAL	YES	
	LIGHT SERIES	DIAMENSION	YES	
	HEAVY SERIES	FITTIMENT & ASSEMBLY	YES	
	TWIN SERIES	CHEMICAL		YES

5	QUICK RELEASE COUPLING	VISUAL	YES	
		DIAMENSION	YES	
	THROUGH BORE TYPE	LEAKAGE TEST	YES	
	SINGLE CHECK VALVE TYPE	HYDRO PRESSURE	YES	
	DOUBLE CHECK VALVE TYPE	FITTIMENT & ASSEMBLY	YES	
		CHEMICAL		YES

6	HOSES	VISUAL	YES	
	HIGH PRESSURE HOSES	DIAMENSION	YES	
	LOW PRESSURE HOSES	LEAKAGE TEST	YES	
	TEFLON HOSES	HYDRO PRESSURE	YES	
	S.S. BELLOW HOSES	FITTIMENT & ASSEMBLY	YES	
	HOSE END FITTINGA	CHEMICAL		YES