TECHNICAL DATA OF PIPES CONFORMING TO ASTM A795 GRADE A & B

SCOPE	:	Welded Black & Galvanized Steel Pipes in NPS 1/2" (21.3mm) to NPS 8" (219.1mm) conforming to Nominal Wall Thicknesses
TOLERANCES		
Outside Diameter	:	± 1/64" (0.41mm) for size upto and including NPS 1-1/2" and ± 1% of the specified O.D. for NPS 2" and above
Thickness	:	Minimum wall thickness 12.5% max under the specified wall thickess and not specified on positive side
Weight	:	± 5% of specified weight
Length	:	1.5 to 8.0 Mtr (5FT to 25FT) for black & galvanized pipes and 3.0 to 12.8 Mtr (10FT to 42FT) for black pipes NPS 3" to 8".
Straightness	:	As mutually agreed with cliient
End Finish	:	Plain Ends (Square Cut); Threaded with or without coupling; Roll Grooved.
IN-PROCESS TESTING		
In-Line NDT	:	Full body for NPS 1/2" to 4" and weld seam for NPS 3" to 8" tested by Eddy Current Test Machine
Hydrostatic Test	:	All pipes are hydrostatically tested at specified pressure for holding time 5 seconds minimum
Flattening Test	:	Weld located either 0˚ or 90˚ from the direction of force
		Flatten upto 2/3 of O.D. for weld, upto 1/3 of O.D. for body and Full flattening for lamination

GRADE	CHEMICAL COMPOSITION (%) Max.			
	C	Mn	P	S
A	0.250	0.950	0.035	0.035
B	0.300	1.200	0.035	0.035

WORKMANSHIP	:	As per ASTM A795, all pipes are finished with Black Lacquer Coating or Galvanizing (as per ASTM A90)
THREADING	:	As per ANSI B1.20.1
MARKING	:	Each pipe shall be stanciled as per ASTM A795 / Client Requirement/as per UL-FM Marking (1"-8")/ as per UL Marking (1/2"-8").
		"TIGER STEEL INDUSTRIES LLC / ASTM A795 NPS --" SCH NO--- GRADE A/B E HEAT NO.----- LENGTH-------- / MADE IN U.A.E.
		"(UL) EX26998 STEEL SPRINKLER PIPE TIGER/MADE IN UAE ASTM A795 NPS … SCH NO./THICKNESS GRADE A/B TYPE END LENGTH… HEAT NO … RWP…PSI HTP…PSI ◄FM►

VALUE ADDITION: We are limiting the diameter tolerance upto ±0.50%D and Straightness 1 mm per meter