



RAW MATERIAL INCOMING INSPECTION REPORTS

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Report NO	17/	SECTION	110mm	HAET NO	1-1180699	INVOICE NO	
DATE	17/02/25	STEEL SUPPLIER	KALYANI	REC.DTY	33.600K9	INVOICE DATE	
GRADE	1E120H	STEEL TC NO	1180699	NO OF BARS			
(01) Properties / Mill Route							
Chemistry	C	Mn	Si	S	P	As	Se
Min	0.190	0.550	0.015	0.015	0.015	0.015	0.015
Max	0.230	1.000	0.150	0.025	0.025	0.025	0.025
Mill Tc Value	0.210	0.650	0.170	0.025	0.025	0.025	0.025
Homocro Value	0.230	1.065	0.176	0.025	0.012	0.025	0.025
(02) Bar Size	(As per W.L.)	Qty	10 % Of Total Heat				
No of Bar Checked							
(03) Gas Content (PPM): As per Mill Tc							
(04) Steel Supply Condition							
(05) MACRO	(i) Internal soundness Sample (ASTM E381 or as per customer)						
	(ii) Dendrite structure 01 sample:						
	(iii) Step Down Test Sample (IS4075 or as per customer)						
(06) Micro structure As Rolled							
(07) ULTRASONIC TEST (AS PER ASTM A388):							
(08) INCLUSION RATING (IS 14163 / ASTM E45A OR REQUIRED BY CUSTOMER)							
(09) GRAIN SIZE (ASTM E112 / IS-4748)							
(10) JOMINY HARDENILITY (IS-3848 / ASTM A255) (As per required by Customer)							
(11) MECHANICAL PROPERTIES: (If Required in TDC / Customer)							
(12) VISUAL							
(13) REDUCTION RATIO							
(14) DECARB LEVEL (AS PER IS 6396 / ASTM E1077)							
(15) UPSETIBILITY TEST (AS PER IS 10167):							
(16) Test Certificate verified for Each Heat no.							
(17) TDC / Customer STD							
(18) MIX UP TEST							