

Dolvi Works, Taluka - Pen, District - Raigad, Maharashtra - 402107, India Regd. Office : JSW Centre, Bandra Kurla Complex, Bandra (East) , Mumbai - 400 051 CIN NO. : L27102MH1994PLC152925



•				т	EST CE	RTIFIC	ATE FC	OR HOT	ROLLE			HIGH	TENSILE	STRU	CTURA	STEEL										
To, Va	almont Stru	No.: 7105511: ctures Private 20 PLOT NO A	e Ltd				Date Produc SO No SO Dat	ct	: 20.0 : Hot	4.2023 Rolled 26784							ds : T E	Chemic: ensile: Bend : IS mpact:	S 1608 1599::	3-1:2022 2019	2	311:199	8,AST	M E4	15:20	21
	We	certified that the the Scheme	material de e of Testing	escrit and	inspec		intaine	orms to d in the TO IS 2	BISCE	entificati	on Mar	ks Lice	nce No.	.CM/L-	718908	1. are a	as indi	cated be	product low aga	:, as tes ainst ea	sted in a ach ord	accorda er No.	nce wi	th		
	Spe	cification: IS 2062:	2011 E350A				1							(Chemical	Compos	ition							-		
	Specifi	cation Requirement	S		Min	C %	Mn %	S %	P %	Si %	AI %	N ppm	B ppm	Nb %	V %	Ti %	Cr %	Mo %	Ni %	Cu %	MAE %	C Eq%	Killing			
Cast / Heat No.	Coil No. / Packet No.	Nominal Size (m T X W X L	m)	Pcs	Max Qty. MT	0.200	1.500	0.045	0.045	0.450		120			Test	Results	<u> </u>		1		0					
A014367	0223039331/1	2.50 x 726 x C 2.50 x 726 x C	-		7.390	0.1550	1.155	0.0040	and the second	0.014	0.035	45.0		0.012						0.016	0.012	0.3486				
A014303			at finance in a		7.280 7.390	0.1600	1.200 1.155	0.0050		0.011	0.035	48.0 45.0		0.013	0.002	0.002				0.021	0.017	0.3614	Alere Aller			19 A 19 7
*		ht in Metric Tor	-		22.060	T 1		nd total					3	N	lechanica	al Proper				0.016	0.016	0.3486				
			-			Tensile direction	YS MPa	UTS MPa	GL mm	E1 %	YS/UTS ratio	Bend direction	Bend dia,. mm	Bend result	CVN Imp directio	act CVN I		CVN Impact				IR	HER	ECV mm	SET	
	Specific	ation Requirements		ł	Min Max	Т	350.0	490.0		22.0		т					+									
Cast / This is to c	Coil No. / ertify that the abo	Nominal Size (mm			Qty.	JSW Ste	el Ltd, D	olvi works	do not c	ontain an	y radioact	ive eleme	ent higher	than the		Results	product	or packing	material o	does not (tanaaa		
Billing Do Invoice N	oc No. :7 lo. :2 transport :1	7105511288 23DO2700018691 Truck /IH46BM0902	Process Rou Fully killed st Legends : BC CC Che GL CVI IR = MAS	ite : BC ceel DF = B M = Co emical = Gau N = Ch = Inclus E = Min R = Ho supplie	OF-ARS- Basic Oxy ontinuou: analysis uge Lengt harpy V-n sion Rati icro Alloy ble Expar ed confor	LHF-CCM gen Furn s Casting = Laddle h,YS = Y hotch, L = ng, ECV ing Eleme asion Rati	A-HSM ace, AR Machine sample ield Stre Longitud = Erichse ents, C E o,RoHS e specifie	S = Argon e,RH = RH analysis, ngth,UTS dinal, T = en Cuppin Eq%= Cart = Restrict ed dimensi	Rinsing I Degass 1 MPa = = Ultima Transvers g Value, pon Equiv ion of Ha ons and	station LH er,HSM = 1N/mm2 te Tensile se. °C = I SET = St valent = [0 zardous \$ tolerance	HF =Laddl Hot Strip Strength Degree Co rainage E C+Mn/6+(Substance	e Heating Mill T x ,EI= Tota entrigrade mbrittlem Cr+Mo+\	g Furance W x L = Ti al elongati e, GS = As pent Test	hickness on on sta STM Gra	x Width >	Length		C DARES PROVIDENT			De	Pan eputy G Quality	hkaj Kh	nasne Il Mar Syste	e nager m	

1/2



Dolvi Works, Taluka - Pen, District - Raigad, Maharashtra - 402107, India Regd. Office : JSW Centre, Bandra Kurla Complex, Bandra (East) , Mumbai - 400 051 CIN NO. : L27102MH1994PLC152925



TEST CERTIFICATE FOR HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL

Test Certificate No.: 7105511288

To,

Valmont Structures Private Ltd PLOT NO A - 20 PLOT NO A - 20,PUNE
 Date
 : 20.04.2023

 Product
 : Hot Rolled Coils

 SO No.
 : 401826784

 SO Date
 : 03.03.2023

Test Methods : Chemical Compostion: IS 8811:1998,ASTM E415:2021 Tensile: IS 1608-1:2022 Bend : IS 1599:2019 Impact: IS 1757-1:2020

					1	10 10 10 2V							N	lechanical P	roperties						in the part		-
		· · · · · · · · · · · · · · · · · · ·	Mar Children		Tensile	YS	UTS	GL	EI	YS/UTS	Bend	Bend	Bend	CVN Impact	CVN Impact	CVN Impact	Hardness	Hardnoss	GS	IR			
					direction	MPa	MPa	mm	%	ratio	direction	dia,. mm		direction		avg.energy .J	A State State	HRb	No.	IR	HER	ECV	SET
	Specifi	cation Requirements		Min	т	350.0	490.0		22.0	-	Т					<u> </u>		TILD	NO.		%	mm	
		1		Max								3314										8	
Cast /	Coil No. /	Nominal Size (mm)	Pcs	Qty.							-			Test Res	sulte								
														i cat nea	suns								
Heat No.	Packet No.	TXWXL		мт										i cst Kes	Suits								
	Packet No. Packet No.	TXWXL	N						n net nije - n		Taripero bener		and the second				and the state of the state		and the second		1999 (Marine) 1999 (Marine)		
Heat No.			N	мт	Т	478.00	561.00	5.65SR	28.00	0.852	т	2.0t	Ok						ingeneration.			- 	
Heat No. A014367	Packet No.	TXWXL	N	MT MT			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	5.65SR 5.65SR	and states with	0.852			Ok Ok									de:	

This is to certify that the above mentioned products produced and supplied by JSW Steel Ltd, Dolvi works do not contain any radioactive element higher than the natural level. The product or packing material does not contain any hazardous substances as per RoHS norms

Billing Doc No.	:7105511288	Process Route : BOF-ARS-LHF-CCM-HSM	
Invoice No.	:23DO2700018691	1 Fully killed steel	
Mode of transport	:Truck	Legends : BOF = Basic Oxygen Furnace, ARS = Argon Rinsing station LHF =Laddle Heating Furance	0.1
Vehicle No.	:MH46BM0902	CCM = Continuous Casting Machine,RH = RH Degasser,HSM = Hot Strip Mill T x W x L = Thickness x Width x Length SRUCTURE Chemical analysis = Laddle sample analysis, 1 MPa = 1N/mm2	Junt
		GL = Gauge Length, YS = Yield Strength, UTS = Ultimate Tensile Strength ,EI= Total elongation on standard GL, CVN = Charpy V-notch, L = Longitudinal, T = Transverse. °C = Degree Centrigrade, GS = ASTM Grain Size,	Magnet water
		IR = Inclusion Rating, ECV = Erichsen Cupping Value, SET = Strainage Embrittlement Test,	Pankaj Khasne
		MAE = Micro Alloying Elements, C Eq%= Carbon Equivalent = [C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15], HER = Hole Expansion Ratio,RoHS = Restriction of Hazardous Substances	Deputy General Manager
		The material supplied conforms to the specified dimensions and tolerances	Quality and System
		We certify that material comply the certification as per EN 10204:2004 type 3.1.	For JSW Steel Ltd.

2/2



JSW STEEL LIMITED Dolvi Works, Taluka - Pen, District - Raigad, Maharashtra - 402107, India Regd. Office : JSW Centre, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051 CIN NO. : L27102MH1994PLC152925



							-																	CM/I	-718908
					TEST C	ERTIFIC	ATE F	OR HOT	ROLLE	D MEDI	UM AN	ID HIGH	TENSI	E STR	JCTURA	L STEEL									-110908
To, V	almont Stru	No.: 710552 uctures Privat 20 PLOT NO	te Ltd			:	Date Produ SO No SO Da	ct	: 24.0 : Hot : 401	04.2023 Rolled 826784 3.2023						t Method	ds: (T B	Chemic ensile: Bend : IS npact: I	5 1599:	2019	2	811:19	98,AS	TME₄	115:20
	We	certified that the the Schen	e materia ne of Tes	al descr ting an	ribed be d Inspe (PLI	elow fully ction co EASE R	y confo ontaine REFER	orms to d in the TO IS	IS 206 BIS C 2062:2	2:2011. ertificati 011 FOI	Chem on Ma	ical cor rks Lice	mpositio	on and	Mechar -718908	nical prop 31, are as REQUIRE	ertie: s indic	s of the cated be	product elow aga	, as tes ainst ea	sted in ach ord	accorda er No.	ance w	vith	
	Spe	cification: IS 206					1							OILICA	TION F		IMEN	NTS)							
			<u></u>	1.090 A	<u> </u>	С%	Mn %	S %	P %	Si %	AI %	Nppm	Bppn	-	V %	TT		1	T	1	1	1			
	Specif	ication Requiremer	nts		Min						0.020			1 110 /6	V %	Ti %	Cr %	Mo %	Ni %	Cu %	MAE %	C Eq%	Killing		
Carth	1	T			Max	0.200	1.500	0.045	0.045	0.450		120							-		0				
Cast / Heat No.	Coil No. / Packet No.	Nominal Size (n T X W X L	nm)	Pcs						Balance		1.20	-	-	Test	Results					0				
A014365	0223038426/1	2.50 x 726 x C		-	MT			1	1																
A014365	0223038426/3				7.390	0.1600	1.200	0.0050	0.020	0.011	0.035	48.0		0.013	0.002	0.002									
014363		2.50 x 726 x C 2.50 x 726 x C			7.380	0.1600	1.200	0.0050	0.020	0.011	0.035	48.0		0.013	0.002	0.002				0.021	0.017	0.3614			
1011000					7.400	0.1520	1.185	0.0040	0.019	0.016	0.036	52.0	1	0.012	0.002	0.002				0.5	0.017	0.3614			
		ht in Metric To			22.170		Gran	d total	of coil	s / pacł	kets		3		10.002	0.002		1		0.018	0.016	0.3507			
	Spec	ification : IS 2062:2	2011 E350A											N	lechanica	I Propertie	s	~							
						Tensile	YS	UTS	GL	EI	YS/UTS	Bend	Bend	Bend		1				1	T	1	in an	+2	
	0 10					direction	MPa	MPa	mm	%	ratio		dia,. mm			act CVN Im		VN Impact	Hardness	s Hardnes	s GS	IR	HER	ECV	SET
	Specifica	ation Requirements	5		Min	T 3	350.0	490.0		22.0		т	uiu, min	result	directio	n temp,.	C av	g.energy .J	HV ₁₀	HRb	No.		%	mm	
ast /	0.00			T	Max	1																			L
	Coil No. /	Nominal Size (mn	n)	Pcs	Qty.										Test R	esults									
oHS norm	s s	ve mentioned produc	cts produce	d and su	pplied by .	JSW Steel	l Ltd, Do	lvi works	do not co	ntain any i	radioact	ive eleme	ent higher	than the	natural les	vol. The pre									
voice No	o. :2 ansport :T	3DO2700023228 ruck H46BF3109	Fully killed Legends : (C C C C IF M	d steel BOF = B CCM = C Chemical GL = Gau CVN = Ch R = Inclus IAE = Mic IER = Ho al supplie	Basic Oxyg ontinuous analysis = ige Length harpy V-no sion Rating cro Alloyin le Expans	gen Furnac Casting M = Laddle s h,YS = Yie btch, L = Li g, ECV = 1 ng Elemen ion Ratio,	ce, ARS Machine, sample a eld Streng ongitudii Erichser hts, C Eq RoHS =	= Argon RH = RH nalysis, 1 gth,UTS = nal, T = T Cupping %= Carb Restriction	Rinsing s Degasse MPa = 1 = Ultimate ransverse y Value, S on Equiva on of Haz.	tation LHF r,HSM = H N/mm2 Tensile S e. °C = De ET = Strai alent = [C+ ardous Su	=LaddI lot Strip Strength gree Ce inage E Mn/6+((bstance	e Heating Mill T x V ,EI= Tota entrigrade mbrittlem	Furance V x L = T I elongati , GS = A:	hickness on on sta STM Grai	x Width x	Length	A CAL	Curry Volume		Jes not co	De	Pan puty G Quality	kaj Kr enera	nasne I Man Svste	ager m
NOILOG	GIS/F/03						·······································	as per EN	10204:2	004 type 3	.1.											For JS	SW St	eel Lt	d.



Dolvi Works, Taluka - Pen, District - Raigad, Maharashtra - 402107, India Regd. Office : JSW Centre, Bandra Kurla Complex, Bandra (East) , Mumbai - 400 051 CIN NO. : L27102MH1994PLC152925



TEST CERTIFICATE FOR HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL

Test Certificate No.: 7105521058

To,

Valmont Structures Private Ltd PLOT NO A - 20 PLOT NO A - 20,PUNE
 Date
 : 24.04.2023

 Product
 : Hot Rolled Coils

 SO No.
 : 401826784

 SO Date
 : 03.03.2023

Test Methods : Chemical Compostion: IS 8811:1998,ASTM E415:2021 Tensile: IS 1608-1:2022 Bend : IS 1599:2019 Impact: IS 1757-1:2020

							T	1	1	1	1	1	N	lechanical F	roperties								
					Tensile	YS	UTS	GL	EI	YS/UTS	Bend	Bend	Bend	CVN Impact	CVN Impact	CVN Impact	Hardness	Hardness	GS	IR	HER		T
1.19 P			· · · ·	1	direction	MPa	MPa	mm	%	ratio	direction	dia,. mm	result	direction		avg.energy .J	HV ₁₀	HRb		IR		ECV	SET
	Specifi	ication Requirements		Min	T	350.0	490.0		22.0		Т							HKD	No.		%	mm	
		1		Max]										-
Cast /	Coil No. /	Nominal Size (mm	n) Pcs	Qty.										Test Res	sults								
	Packet No.	TXWXL		MT																			
	Packet No.	TXWXL		МТ										Net State						and the second	C.C. Norther		
014365	0223038426/1	2.50 x 726 x C		7.390	Т	486.00	577.00	5.65SR	27.00	0.842	т	2.0t	Ok				Contract of				and the second	1	1
	0223038426/3	2.50 x 726 x C		7.380	Т	486.00	577.00	5.65SR	27.00	0.842	Т	2.0t	Ok								11 May -		-
014363	0223039650/1	2.50 x 726 x C		7.400	Т	499.00	583.00	5.65SR	26.00	0.856		2.0t	Ok										
nis is to cer	rtify that the abc	ove mentioned products	s produced and su	pplied by	JSW Steel	Ltd, Dol	lvi works	do not co	ontain any	radioactiv	ve elemer	nt higher t	than the r	natural level.	The product	Of packing m	aterial doe						
his is to cer oHS norms illing Doc voice No ode of tra shicle No	c No. :7 5. :2 ansport :1	23DO2700023228 Truck MH46BF3109	Process Route : B Fully killed steel Legends : BOF = E CCM = C	OF-ARS- Basic Oxy Continuous I analysis uge Lengt harpy V-n ision Ratir icro Alloyi ole Expan	LHF-CCM- gen Furnar s Casting M = Laddle s h,YS = Yie otch, L = L ng, ECV = ng Elemer sion Ratio,	HSM ce, ARS Machine, ample a Id Streng ongitudin Erichser its, C Eq RoHS =	= Argon RH = RH nalysis, 1 gth,UTS = nal, T = T n Cupping %= Carb Restrictio	Rinsing st Degasse MPa = 11 = Ultimate ransverse y Value, S on Equiva	tation LHI er,HSM = N/mm2 e Tensile S e. °C = D SET = Stra alent = [C: ardous Su	F =Laddle Hot Strip Strength , egree Ce ainage En +Mn/6+(C	Heating Mill T x W EI= Total ntrigrade, nbrittleme	Furance / x L = Th elongatic GS = AS	ickness x on on star TM Grair	Width x Ler		or packing ma	aterial doe	es not cont	Dep	Panl uty Ge	us substa M kaj Kh eneral and S	asne Man	age



Dolvi Works, Taluka - Pen, District - Raigad, Maharashtra - 402107, India Regd. Office : JSW Centre, Bandra Kurla Complex, Bandra (East) , Mumbai - 400 051 CIN NO. : L27102MH1994PLC152925



For JSW Steel Ltd.

				TE	EST CE	RTIFICA	ATE FO	R HOT F	OLLED	MEDIU	M AND	HIGH TI	ENSILE	STRUC	TURAL	STEEL								
To, Vai	lmont Str	No.: 71054978 uctures Private - 20 PLOT NO A	Ltd	IE		F	Date Produc SO No. SO Dat	t:	16.04 Hot F 4018 03.03	Rolled (26784	Coils				Test	Method	Te Be	nsile: IS	S 1608 1599:2	-1:2022	2	11:1998	3,ASTM	E415:2021
	We	certified that the the the Scheme			Inspec	ction co	ntaineo		BIS Ce	ertificatio	on Marl	ks Licer	ice No.	CM/L-7	18908	1, are a	s indica	ated be					nce with	
	Sp	ecification: IS 2062:	2011 E350A										-	0	hemical	Compos	ition	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	ng-ganadad -	and the second second	e per senset i dina e se e	ijen oorlich de Parlans	olarisan ing	
	Spec	ification Requirements	5		Min	C %	Mn %	S %	P %	Si %	AI %	N ppm	B ppm	Nb %	V %	Ti %	Cr %	Mo %	Ni %	Cu %	MAE %	C Eq%	Killing	
Cast / Heat No.	Coil No. / Packet No.	Nominal Size (mr T X W X L	m) I	Pcs	Max Qty. MT	0.200	1.500	0.045	0.045	0.450	1	120			Test	Results			1		0		4	1
A014363	0223038352/	1 2.50 x 726 x C			7.430	0.1520	1.185	0.0040	0.019	0.016	0.036	52.0		0.012	0.002	0.002				0.018	0.016	0.3507		
A014363	0223038352/	3 2.50 x 726 x C			7.430	0.1520	1.185	0.0040	0.019	0.016	0.036	52.0		0.012	0.002	0.002			and the second	0.018	0.016	0.3507	the star	
A014363	0223038351/	3 2.50 x 726 x C			7.310	0.1520	1.185	0.0040	0.019	0.016	0.036	52.0		0.012	0.002	0.002				0.018	0.016	0.3507		
A014363	0223038351/	1 2.50 x 726 x C			7.310	0.1520	1.185	0.0040	0.019	0.016	0.036	52.0		0.012	0.002	0.002				0.018	0.016	0.3507		
	Total we	ight in Metric Tor	nnes		29.480		Gran	nd total	of coi	ls / pac	kets		4											
This is to c	ertify that the a	bove mentioned produc	cts produced ar	nd su	pplied by	JSW Ste	eel Ltd, D	olvi works	do not c	ontain an	y radioac	tive eleme	ent highei	than the	natural I	evel. The	product c	r packing	material	does not	contain a	ny hazarc	dous subst	ances as per
RoHS norm		,																						
Billing Do nvoice N Aode of t (ehicle N	lo. transport	:7105497806 :23DO2700013955 :Truck :MH46BF7419	Che GL CVI IR = MAI	teel DF = I M = C emica = Gau N = C = Inclu E = M	Basic Ox Continuou II analysis uge Leng harpy V- usion Rat licro Allo	ygen Furr us Casting s = Laddle gth,YS = \ notch, L = ting, ECV ying Elem	nace, AR g Machin e sample Yield Stre = Longitu = Erichs nents, C I	S = Argon e,RH = RH analysis, ength,UTS dinal, T = en Cuppir Eq%= Car = Restrici	H Degass 1 MPa = = Ultima Transvei ng Value, bon Equi	ser,HSM = 1N/mm2 ate Tensile rse. °C = SET = S ivalent = [= Hot Stri e Strengtl Degree C trainage l C+Mn/6+	p Mill T x h ,El= Tota Centrigrade Embrittlem (Cr+Mo+\	W x L = 1 al elonga e, GS = A nent Test	Thickness tion on st NSTM Gra	andard G	Ŭ	LINON75	QAC QAC Antuin	SALES PUL		D	eputy (nasne Il Manager System

1/2

The material supplied conforms to the specified dimensions and tolerances

We certify that material comply the certification as per EN 10204:2004 type 3.1.



Dolvi Works, Taluka - Pen, District - Raigad, Maharashtra - 402107, India Regd. Office : JSW Centre, Bandra Kurla Complex, Bandra (East) , Mumbai - 400 051 CIN NO. : L27102MH1994PLC152925



TEST CERTIFICATE FOR HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL

Test Certificate No.: 7105497806

To,

, Valmont Structures Private Ltd PLOT NO A - 20 PLOT NO A - 20,PUNE
 Date
 : 16.04.2023

 Product
 : Hot Rolled Coils

 SO No.
 : 401826784

 SO Date
 : 03.03.2023

Test Methods : Chemical Compostion: IS 8811:1998,ASTM E415:2021 Tensile: IS 1608-1:2022 Bend : IS 1599:2019 Impact: IS 1757-1:2020

	Spee	cification : IS 2062:2011 E3	50A										N	lechanical P	roperties								
					Tensile	YS	UTS	GL	EI	YS/UTS	Bend	Bend	Bend	CVN Impact	CVN Impact	CVN Impact	Hardness	Hardness	GS	IR	HER	ECV	SET
					direction	MPa	MPa	mm	%	ratio	directior	dia,. mm	result	direction	temp,. ^o C	avg.energy .J	HV10	HRb	No.		%	mm	
	Specific	ation Requirements		Min	Т	350.0	490.0	1.201.000	22.0		Т	NO CHERY			a a sector of the			A Fire QUIT	$C^{*}(\partial_{t}^{*} \mathbf{x}_{0}) = (1)$				
				Max																			
Cast /	Coil No. /	Nominal Size (mm)	Pcs	Qty.										Test Res	ults		A States		la sente				
Heat No.	Packet No.	TXWXL		MT																			
014363	0223038352/1	2.50 x 726 x C		7.430	т	499.00	583.00	5.65SR	26.00	0.856	Т	2.0t	Ok										
A014363	0223038352/3	2.50 x 726 x C		7.430	Т	499.00	583.00	5.65SR	26.00	0.856	Т	2.0t	Ok										
A014363	.0223038351/3	2.50 x 726 x C		7.310	T .	499.00	583.00	5.65SR	26.00	0.856	Т	2.0t	Ok										
014363	0223038351/1	2.50 x 726 x C		7.310	Т	499.00	583.00	5.65SR	26.00	0.856	Т	2.0t	Ok										

This is to certify that the above mentioned products produced and supplied by JSW Steel Ltd, Dolvi works do not contain any radioactive element higher than the natural level. The product or packing material does not contain any hazardous substances as per RoHS norms

Billing Doc No.	:7105497806	Process Route : BOF-ARS-LHF-CCM-HSM Fully killed steel	
Invoice No.	:23DO2700013955		λ
Mode of transport	:Truck	Legends : BOF = Basic Oxygen Furnace, ARS = Argon Rinsing station LHF =Laddle Heating Furance CCM = Continuous Casting Machine,RH = RH Degasser,HSM = Hot Strip Mill T x W x L = Thickness x Width x Length	And the
Vehicle No.	:MH46BF7419	Chemical analysis = Laddle sample analysis, 1 MPa = 1N/mm2	
		GL = Gauge Length, YS = Yield Strength, UTS = Ultimate Tensile Strength, EI= Total elongation on standard GL,	
		CVN = Charpy V-notch, L = Longitudinal, T = Transverse. •C = Degree Centrigrade, GS = ASTM Grain Size,	Pankaj Khasne
		IR = Inclusion Rating, ECV = Erichsen Cupping Value, SET = Strainage Embrittlement Test,	
		MAE = Micro Alloying Elements, C Eq%= Carbon Equivalent = [C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15],	Deputy General Manager
		HER = Hole Expansion Ratio,RoHS = Restriction of Hazardous Substances	Quality and System
		The material supplied conforms to the specified dimensions and tolerances	For JSW Steel Ltd.
		We certify that material comply the certification as per EN 10204:2004 type 3.1.	i di dovi dicci Etd.

2/2