

DOP No. RGHSPL/DOP/EN10210/S355K2H

Sr. No	Performance Particulars	Description
1	Unique of product type	EN 10210-1:2006 Hot rolled Seamless of S355K2H.
2	Intended use of construction products:	Metal structures or in composite metal and concrete structures
3	Manufacturer:	RASHMI GREEN HYDROGEN STEEL PRIVATE LIMITED (Seamless Division) Vill & Mouja-Changual, Jethia, Khatranga, Gopinathpur, Goyalara, P.O - Changual, P.S - Kharagpur (Local), Dist- Paschim Medinipur, West Bengal, 721301, India
4	Contact address of authorized representative:	Murlidhar Gawande. RASHMI GREEN HYDROGEN STEEL PRIVATE LIMITED (Seamless Division) Vill & Mouja-Changual, Jethia, Khatranga, Gopinathpur, Goyalara, P.O - Changual, P.S - Kharagpur (Local), Dist- Paschim Medinipur, West Bengal, 721301, India
5	Assessment system and verification for constancy of performance	2+
6(a)	Harmonized Standard	EN 10210-1:2006
	Notified Body	TUV NORD Systems GmbH & Co. KG, notified body for construction product regulation (CPR), Reg No. 0045 performed initial inspection of manufacturing plant under system 2+ and issued certificate of conformity of the factory production control.
6(b)	European Assessment	NA
7	Declared Performance	
	Essential Characteristics	Performance
	Tolerance on dimensions and shape	EN 10210-2:2019
	Mechanical Properties	
	Tensile Strength(MPa)	Hot Rolled Strip= 470 - 630 Mpa
	Yield Strength(MPa)	Hot Rolled Strip = 355 Mpa min
	Elongation (%)	Minimum 22% (EN 10210-1 Table A.3)
	Impact Strength (-20deg C)	40 (Joules) - Longitudinal
	Weld ability (cover by chemical composition)	Satisfactory
	Durability (cover by chemical composition)	NPD
	Dangerous substances	< 100PPM
8.	The performance of the product identified above is in conformity with the set of declared performance/s. This Declaration of Performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.	

Signature:



Murlidhar Gawande
Dy. Manager(QA/QC)

Place:Kharagpur(India).
Date:15/04/2024.