




 Sungnam Engineering Co., Ltd.  
 240-41004569 1480 Eukbusamp-Ro, Songak E.P., Dangin-Si, Chungnam, Korea

검 사 증 서  
MILL TEST CERTIFICATE

주문번호  
Order No.

:F231000002

品名 Commodity

: Cold Rolled Coil

1990

고객사  
Customer  
: MAHINDRA AUTO STEEL PVT. LTD.

증명서 번호  
Certificate No.

## 제품규격 Specification

: IS 513 ISC590Y / SPFC590DP

주문자  
Contractor

: LX INTERNATIONAL CORP.

Certificate No. \_\_\_\_\_ 발행일자 \_\_\_\_\_  
Date of Issue \_\_\_\_\_

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test			Q L I N G	Post Treatment	Ra	화학성분 Chemical Composition(%)							단위 Unit 2 : x100 3 : x1,000 4 : x10,000 5 : x100,000			
					YP	TS	EL				C	Si	Mn	P	S	Sol -Al					
																	(N/mm <sup>2</sup> )	(%)			
1.20X1570XC	1	10,410	S98267	CZC579B	368	624	31	G	XX	0.8	682	684	1,666	157	24	32	2546753 - 54 - 72 2546770				
1.20X1570XC	1	4,290	S98267	CZC579C	368	624	31	G	XX	0.8	682	684	1,666	157	24	32					
1.20X1570XC	1	15,860	S98265	CZE339A	369	634	30	G	XX	0.9	715	713	1,644	140	24	30					
1.20X1570XC	1	15,820	S98265	CZE332B	369	634	30	G	XX	0.9	715	713	1,644	140	24	30					
*** Sub Total(001) ***					21	320,200(Kg)															
*** Lot Total ***					21	320,200(Kg)												PO/Contract No. : 23.11			
*** Grade Total ***					21	320,200(Kg)															
*** Last Item ***																					

З О Т Ш

*Post Treatment - XX:No Treatment	MG:Cr-Free AF(conductivity)	CF:Cr-Free for Automobile	GR:Galling Resistance Coating	CH,CL,CM:Cr Coated	PL,PF:Cr-FREEPhosphated	EF,GF,SF:Cr-Free
	PX:Phosphated	IH:Inorganic Heat-resistance Coating	LP:Lubricant Pre-phosphated	MF:Cr-Free AFT(Phosphated)	AF:Resin film for Fuel Tank(Automobile)	PP:Pre-Phosphated
*OILING - T:Super Light, L:Light, G:General, H:Heavy, S:Super Heavy,	D:Dos Oiled, 1:Customer Requirement(L-G), 2:Customer Requirement(G-H)					

It is certified that the material described below fully conforms to IS 513(part 2):2016 Chemical composition and Mechanical properties of the product, as tested in accordance with the Scheme of Testing and Inspection contained in the BIS Certification Marks Licence No. CML-4100045869 as are indicated below against each order No. etc.  
(PLEASE REFER TO IS 513(part 2):2016 FOR DETAILS OF SPECIFICATION REQUIREMENTS)

Signature \_\_\_\_\_

Chief of Cold Rolled Quality Team

\* 본 검사증명서는 원본인 전자문서(전자서명 정보 포함)로부터 출력된 사본입니다. 전자문서의 내용은 현대제철 고객센터에서 확인하실 수 있습니다.(<http://sm.hyundai-steel.com/cs/cm/login.jsp>)

\* This Mill Test Certificate is a copy that has been printed from original electronic document(with digital signing). You are able to check an original electronic document at customer portal (<http://sm.hyundai-steel.com/cs/cm/login.jsp>)

\* [사용상 주의사항] 본 검사증명서에 명시된 규격 외 사용시 제품상 및 안전상 문제가 발생할 수 있습니다.

\* [Caution for Use] Damage on products and safety problems may arise if used other than to the spec stated in this Mill Test Certification.