




TEST REPORT

Report No. SS 2006455

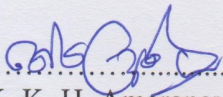
Customer : Grant Tech Holding (Pvt) Ltd., No:100, Pepiliyana Road, Nedimala, Dehiwala.	Test Item : Metal Service Requested : Customer's letter dated 2020-06-06
Description : One (01) test item. Following information was given in the customer's letter. Sample : S02 Description: Stainless Steel Gr 304 Hinge 3"×4"	Identification of Test Item : Test items were labelled as; S02 Photograph of the sample is attached in annexure 01 Date of Receipt of Test Item : 2020-06-08
Test Date : 2020-07-15	

TEST RESULTS :

Test / Unit	Test Method	Results	Specification given in ASTM A 240 / A 240 M - 15b For Stainless Steel Grade 304
Chemical Composition (% by mass)			
Chromium (Cr)	Atomic Absorption Spectrophotometry	18.3	17.5 - 19.5
Nickel (Ni)		8.1	8.0 - 10.5
Manganese (Mn)		0.91	2.00 max.
Molybdenum (Mo)		<0.05	--
Silicon (Si)		0.32	0.75 max.
Phosphorus (P)	UV - Visible Spectrophotometry	0.018	0.045 max.
Carbon (C)	Combustion Infrared Absorption Method	0.06	0.07 max
Sulphur (S)		0.010	0.030 max


.....

Authorized Signatory

C.N. Vitharana
Research Engineer
Materials Laboratory
.....K. K. K. H. Amaranayaka
Research Scientist