



National Tubes Limited

Tongi, Gazipur

Data analysis on Scrap reduction

Data type : Production & Scrap in different Month.
Data Analysis method : Quantitative data analysis method
Reporting Way : How amount Pipe production & Scrap in a Month
Frequency : Half Yearly.

MONTHLY BY SCRAP REPORT

SL NO.	MONTH	2018-19		2019-20	
		TOTAL PROD (MT)	Scrap (MT)	TOTAL PROD (MT)	Scrap (MT)
1	July	125.271	4.820	176.445	9.714
2	Aug	173.596	6.820	300.3	7.235
3	Sep	205.316	7.756	395.116	14.505
4	Oct	205.316	7.756	311.37	11.63
5	Nov	142.665	7.152	147.764	5.510
Total =		852.164	34.304	1330.995	48.594

Amount of Scrap in the year 2018-19 = 34.304 MT

Amount of Welding in the year 2018-19 = 852.164 MT

Amount of scrap per M.T. of total Production = $34.304 / 852.164 = 0.04025$


Amount of Scrap in the year 2019-20 = 48.594 MT


Amount of Production in the year 2019-20 = 1330.995 MT

Amount of scrap per M.T. of total Production = $48.594 / 1330.995 = 0.03655$

Difference = $(0.04025 - 0.03655) = -0.0037$ MT (Scrap per M.T. of total Welding (Production) is Decreases)

Decreases scrap in percentage = $(0.0037 / 0.04025) \times 100$
= **9.29 %**

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Graphical Representation

