



# National Tubes Limited

Tongi, Gazipur

## Quality Control Department

NTL/QCD/DA\_NC

Rev.: 04

Eff. Date: 28/09/2020

Date: 29/09/2022

### Data Analysis on NC raised by QC inspector during Manufacturing of API pipes

Data type : Number of non-conformances raised by QC inspectors in production floor during manufacturing and testing of pipe.

Data Analysis method : Quantitative data analysis method

Reporting Way : Number of non-conformances VS Year.

Frequency : Annual(Calendar)

API Pipe

Year	Hydrostatic Testing	Spot in outer face	Marking	End condition of Pipe	Out of squareness	Straightness	Length, thickness, OD.	Out of roundness	Inside Bead	Heat Treatment (Maintaining required time & temperature)	Total No. of NC's
2020	32	0	0	1	0	8	0	0	0	2	43
2021	14	0	0	0	0	7	0	0	0	0	21
2022	3	0	0	0	0	0	0	0	0	0	3

MS & GI pipe

Year	Hydrostatic Testing	Spot in outer face	End condition of Pipe	Out of squareness	Straightness	Length, thickness, OD.	Out of roundness	Coting	Total No. of NC's
2020	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0

NC Changed Compared with previous year:  $((3-21)/21)*100=-85.71\%$

\*\* NC is reduced 85.71 % Compared to Previous Year

Prepared by: MR

Date : 29/09/2022

Approved by: MD

Date : 29/09/2022