

Date: 12th January 2023

Our Ref: MTG/NMG/11/2965

DR REDDYS

WORKS STEEL CHIMNEY STACK - NUMBER ONE

REPORT BY ACCESS MAINTENANCE SOLUTIONS LTD

Construction:	Mild Steel
Height:	18.9m
Diameter at Summit ID	510mm
Diameter at Base	520mm
Guy Ropes	2 number at 12mm

Ultrasonic thickness readings were taken in strategic points throughout the full height of the stack, readings obtained above and below the flange 5m down and 16m down were found to be low.

Thickness readings obtained can be viewed on the record sheet to the rear of this report.

Flanges and interconnecting bolts appeared sound at the time of the inspection.

Paintwork throughout the structure was found to be failing with surface corrosion clearly visible.

The base plate appeared to be mechanically sound although paint breakdown and light corrosion was noted in this area.

Whilst holding down bolts appeared sound the base plate sits within a bund wall which holds water this casts some doubt on the real condition of the holding down bolts beneath the base plates.

The guy wires fitted to this stack appeared to be in good condition requiring no attention at the time of our inspection.

Comments

Taking into account the low thickness readings, we would suggest dismantling this stack immediately.

ULTRASONIC READINGS - 2022

DR. REDDYS LABORATORIES (EU) LIMITED

CHIMNEY STACK NO. 1.

SUMMIT	5.0MM
1 METRES DOWN	5.0MM
2 METRES DOWN	5.0MM
3 METRES DOWN	4.9MM
4 METRES DOWN	5.2MM
ABOVE FLANGE 5 METRES DOWN	3.4MM
BELOW FLANGE 5 METRES DOWN	3.8MM
6 METRES DOWN	5.8MM
7 METRES DOWN	5.5MM
8 METRES DOWN	5.4MM
ABOVE FLANGE 9.8 METRES DOWN	4.6MM
BELOW FLANGE 9.8 METRES DOWN	5.2MM
11 METRES DOWN	5.7MM
	Continued....

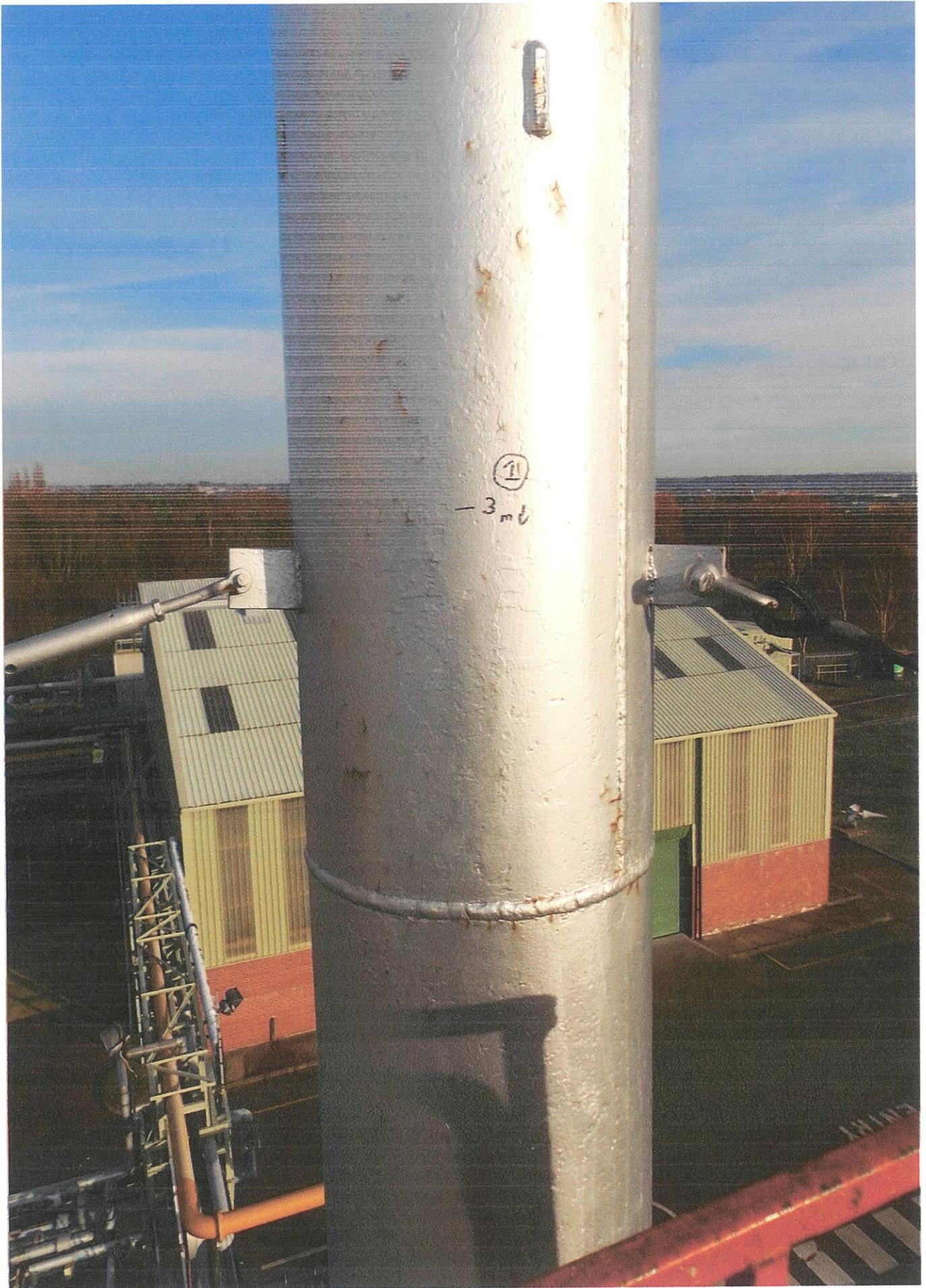
12 METRES DOWN	5.4MM
13 METRES DOWN	5.9MM
ABOVE FLANGE 14.4 METRES DOWN	5.6MM
BELOW FLANGE 14.4 METRES DOWN	5.9MM
15 METRES DOWN	5.8MM
16 METRES DOWN	3.8MM
17 METRES DOWN	4.5MM
BASE	6.0MM



View On Summit Stack Number 1



View On Stack Number 1 Two Metres Down



View On Stack Number 1 Three Metres Down



View On Stack Number 1 Five Metres Down



View On Stack Number 1 Nine Metres Down



View On Stack Number 1 Eleven Metres Down



View On Stack Number 1 Fourteen Metre Down



View On Stack Number 1 Base



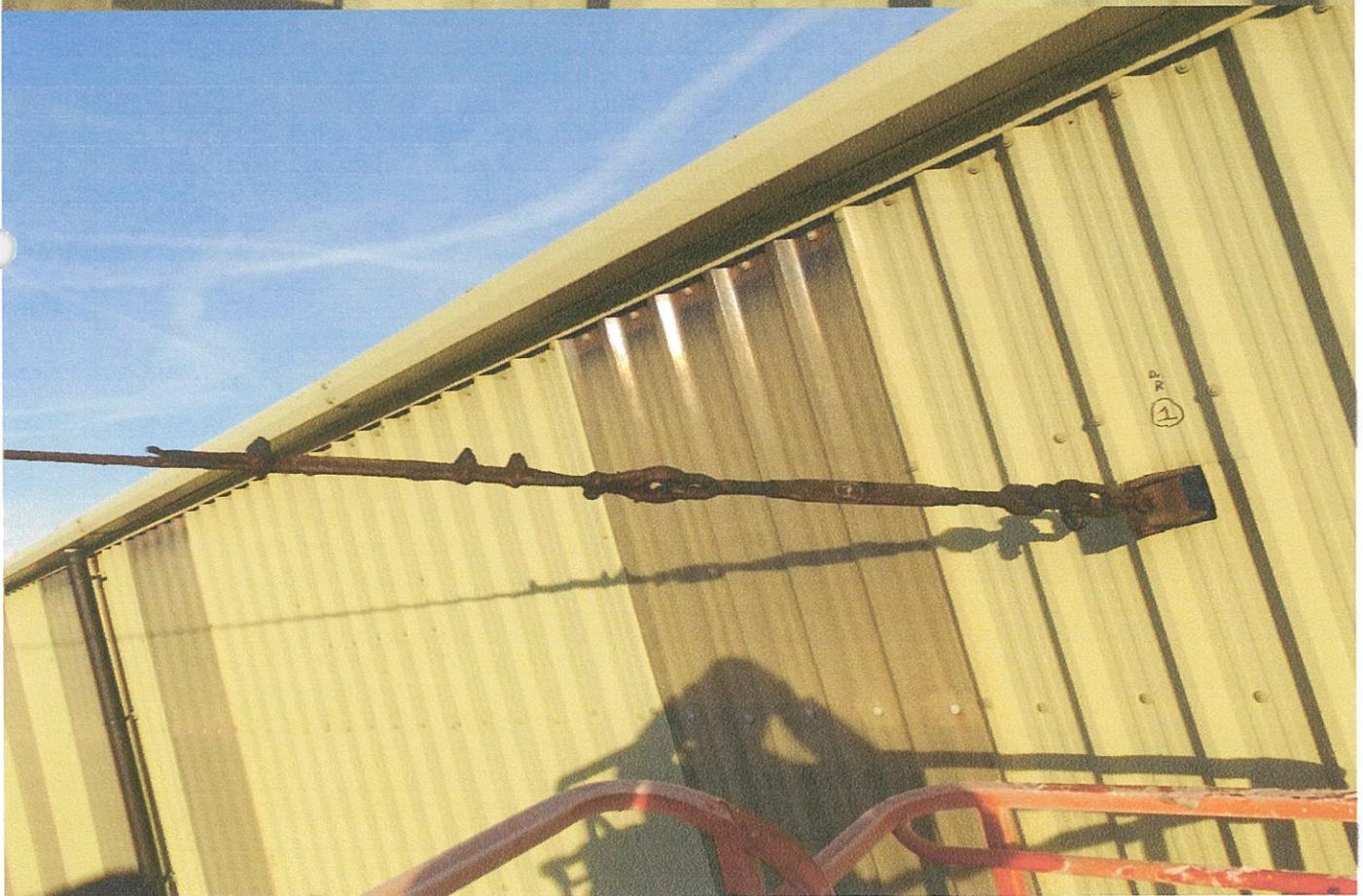
View On Guy Anchor Points



View On Guy Anchor Points



View On Guy Anchor Points



View On Guy Anchor Points