

Date: 12th January 2023

Our Ref: MTG/NMG/11/2965

DR REDDYS

WORKS STEEL CHIMNEY STACK - NUMBER TWO

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 at strategic points throughout the full height of the stack, readings obtained ranged between 0mm and 5mm the higher reading been in an over-plated section of the stack at the chimney base.

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 strongly recommend dismantling this stack immediately.

ULTRASONIC READINGS - 2022

DR. REDDYS LABORATORIES (EU) LIMITED

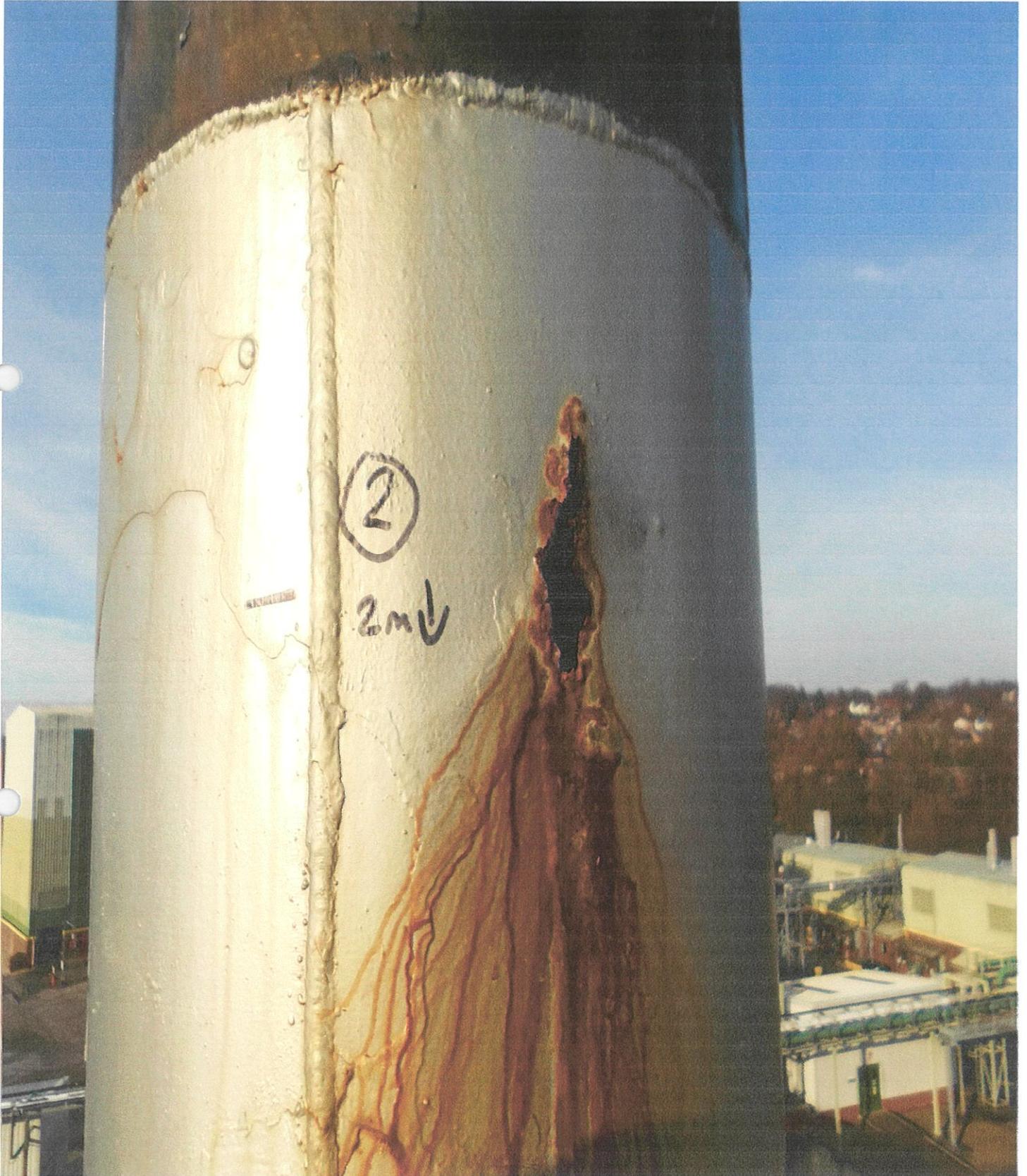
CHIMNEY STACK NO. 2.

SUMMIT	3.3MM
2 METRES DOWN	HOLED
3 METRES DOWN	2.1MM
4 METRES DOWN	2.6MM
5 METRES DOWN	2.6MM
6 METRES DOWN	2MM
7 METRES DOWN	2.7MM
8 METRES DOWN	2.6MM
9 METRES DOWN	3MM
10 METRES DOWN	3.4MM
11 METRES DOWN	3.3MM
12 METRES DOWN	3.4MM
13 METRES DOWN	2.7MM
14 METRES DOWN	2.3MM
Continued.....	

15 METRES DOWN	5MM OVER-PLATED AREA
16 METRES DOWN	5MM OVER-PLATED AREA
17 METRES DOWN	5MM OVER-PLATED AREA
18 METRES DOWN	5MM OVER-PLATED AREA



View On Summit Stack Number 2



View On Stack Number 2 Two Metres Down



View On Stack Number 2 Three Metres Down



View On Stack Number 2 Five Metres Down



View On Stack Number 2 Nine Metres Down



View On Stack Number 2 Eleven Metre Down



View On Stack Number 2 Base