

1ACG4 12MT JAW CLOSED ALL M20 JOINTS HAVE RUBBER SEALS

MAY 24 2012 LEAK CHECK T2 M20 Q1, Q2 JOINTS WITH RUBBER SEAL

L.R.  $1.3 \times 10^{-8}$

LOCAL LEAK CHECK

BY M20 BEAM BLOWER

① TOP OF T2 MONUMENT 10 SEC SPRAY 2min NO RESPONSE 11:15 AM.

② M8 BLANK OFF <sup>T2</sup>  $1.5 \times 10^{-8}$  L.R. START <sup>5</sup> SEC SPRAY AT 30 SEC START OF RESPONSE ~~AT~~ AT 2min EAST SIDE OF FLANGE 11:30 AM. LEAK PEAKED AT  $4.1 \times 10^{-8}$  START TO RECOVER AT  $2\frac{1}{2}$  min.

11:43 AM <sup>MONUMENT</sup>  
③ TOP OF T2/Q1 5 SEC SPRAY  $1.7 \times 10^{-8}$  L.R. START @ 40 SEC START OF RESPONSE AT 2min PEAK L.R.  $3.3 \times 10^{-8}$  AT  $2\frac{1}{2}$  min START RECOVER.

11:50 AM <sup>M20</sup>  
④ BOTTOM OF T2/Q1 5 SEC SPRAY L.R.  $1.7 \times 10^{-8}$  START @ 45 SEC START OF RESPONSE AT  $2.0 \times 10^{-8}$  3min PEAK @  $3\frac{1}{2}$  min START OF RECOVERY

⑤ M9 Q1/T2 <sup>TOP</sup> 5 SEC SPRAY  $1.7 \times 10^{-8}$  L.R. START 2min NO RESPONSE

12:10 PM  
⑥ BEAM LINE Q14 THRU SHIELDING -  $1.5 \times 10^{-8}$  L.R. START 5 SEC SPRAY @ 10 SEC RESPONSE @ 1min  $3.3 \times 10^{-8}$  @ 1min 45 SEC PEAK  $3.6 \times 10^{-8}$  @ 2min START TO RECOVER.

12:20 PM <sup>BOTTOM</sup>  
⑦ M20 Q2 TO SCRAPER JOINT  $1.6 \times 10^{-8}$  L.R. START 5 SEC SPRAY @ 2min RESPONSE @  $1.8 \times 10^{-8}$  (DRIFT)

FROM T1 BOWLING RAMP SHACK  
⑧ M9 Q1, Q2 5 SEC SPRAY @ 55 SEC RESPONSE @  $2\frac{1}{2}$  min PEAK @  $5.3 \times 10^{-8}$  @ 3min RECOVER

FROM T2 BOWLING RAMP  
⑨ M20 Q1 #8 <sup>MANIFOLD</sup>  $1.8 \times 10^{-8}$  L.R. START @ 50 SEC RESPONSE @ 2min PEAK @  $3.0 \times 10^{-8}$  @ 2min 15 sec RECOVER

HEXAMINE BACK MANIFOLD  
⑩ M8 BLANK OFF  $1.8 \times 10^{-8}$  L.R. START @ 30 SEC RESPONSE @ 2min 50 sec PEAK @  $6.5 \times 10^{-8}$  @ 2min 50 sec RECOVER.

FROM TNP MANIFOLD  
⑪ 1A Q16 #1  $1.8 \times 10^{-8}$  L.R. START @ 35 SEC RESPONSE @ 3min PEAK @  $3.8 \times 10^{-8}$  @ 3min 20 sec RECOVER

FROM TNP MANIFOLD  
⑫ 1A Q14 #3  $1.8 \times 10^{-8}$  L.R. START @ 15 SEC RESPONSE @ 90 SEC PEAK @  $2.1 \times 10^{-6}$  @ 110 SEC RECOVER.

ALSO SEE NOV 2010.