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Attention: Adam Riley
SRG Global

SURVEY RESULTS

COV-TEN-CON 514 stack raise works

TOWER 1 Module 3 column top position (Final)

Method.

Locale control points used to establish the position of the instrument (Leica MS50 +/-1mm)

3 points were recorded on each column at the top flange.
These were from 3 instrument positions.
The center was calculated for each column from these 3 measurements.

The center of the tower could then be calculated from these 3 column centers.

Column to column design distance = 5m
C14-005-100-MPD-102

Measurements

Column 8

Pt1 E:257.890 N:384.279 RL:58.977
Pt2 E:257.592 N:384.437 RL:58.974
Pt3 E:257.272 N:384.154 RL:58.975
T8 E:257.604 N:384.101 RL:58.975

Column 7

Pt4 E:262.932 N:384.172 RL:58.976
Pt5 E:262.548 N:384.448 RL:58.976
Pt6 E:262.279 N:384.162 RL:58.982
T7 E:262.606 N:384.123 RL:58.978

Column 9

Pt7 E:260.414 N:388.478 RL:58.981
Pt8 E:260.057 N:388.773 RL:58.983
Pt9 E:259.754 N:388.452 RL:58.981
T9 E:260.085 N:388.444 RL:58.982

T7-T8-T9 center

Asbuilt Center of Module 3 at top = **E260.099 N:385.556 (+/-2mm)**
Asbuilt Center of base = **E260.111 N:385.553**
Difference = **dE:-12mm dN:+3mm**

12mm Lean to NNW / 54.13m
Tolerance 38mm/100m
C14-005-STR-DRG-101 Note 7

Chris John
BE SURVEYS

