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Attention: Adam Riley
SRG Global

SURVEY RESULTS

COV-TEN-CON 514 stack raise works

TOWER 1 Module 2 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 = 7.334m
C14-005-100-MPD-102

Measurements

Column 5

Pt1 E:255.630 N:384.207 RL:40.767
Pt2 E:255.301 N:384.478 RL:40.765
Pt3 E:255.930 N:384.154 RL:40.769
T5 E:255.285 N:384.122 RL:40.767

Column 4

Pt4 E:262.979 N:384.117 RL:40.768
Pt5 E:262.636 N:384.480 RL:40.764
Pt6 E:2625.295 N:384.271 RL:40.764
T4 E:262.621 N:384.122 RL:40.765

Column 6

Pt7 E:259.300 N:390.531 RL:40.771
Pt8 E:258.953 N:390.829 RL:40.766
Pt9 E:258.591 N:390.480 RL:40.771
T6 E:258.948 N:390.472 RL:40.769

T4-T5-T6 center

Asbuilt Center of Module 2 at top =
Asbuilt Center of base =
Difference =

E258.953 N:386.238 (+/-2mm)
E258.944 N:386.237
dE:+9mm dN:+1mm

9mm Lean to E / 35.92m
Tolerance 25mm/50m
C14-005-STR-DRG-101 Note 7

Chris John
BE SURVEYS

