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| Section Referenced: | 5.7.3.4 |
| Subject: | Radiograph requirements at openings |
| Background: | We are constructing a tank made of 316L 3/16" steel with a joint efficiency of 0.70. The tank is exempt from radiograph requirements as specified by Table S.4. The tank has a manway placed with the neck going through a horizontal shell seam and the reinforcing pad covering the horizontal and a vertical shell weld. |
| Question: | Is it required to radiograph the butt-welded shell joint as specified in 5.7.3.4 where a manway neck crosses through a shell seam, or a reinforcing pad is overlapping a shell seam if the tank is exempt from radiograph requirements as specified in Table S.4? |
| DGM question restatement | In a stainless steel tank, is it required to radiograph the butt-welded shell joint as specified in 5.7.3.4 where an opening crosses through a shell seam, or a reinforcing pad is overlapping a shell seam given that a shell seam joint efficiency of 0.70 is used so that Table S.4 indicates "No radiography required"? |
| Draft reply | 1. Yes. There is nothing in Annex S superceding section 5.7.3.4 |
| Need agenda item? | No |