Some Typical Vessel Details Showing the Governing Thicknesses as Defined in UCS-66 (Cont'd)

**Figure UCS-66.3**

**Section Y-Y**

(f) Two Flat Plates With a Corner Joint

\[ t_{g1} = \text{thinner of } t_A \text{ or } t_B \]

(g) Welded Attachments as Defined in UCS-66(a)

\[ t_{g1} = \text{thinner of } t_A \text{ or } t_C \]

(h) Integrally Reinforced Welded Connection

**GENERAL NOTES:**

(a) Using \( t_{g1} \), \( t_{g2} \), and \( t_{g3} \), determine the warmest MDMT and use that as the permissible MDMT for the welded assembly.

(b) \( t_g \) = governing thickness of the welded joint as defined in UCS-66.
Figure UCS-66.3
Some Typical Vessel Details Showing the Governing Thicknesses as Defined in UCS-66 (Cont’d)

\[ t_{g1} = t_A / 4 \text{ (for } A \text{ welded or nonwelded)} \]

\[ t_{g2} = \text{thinner of } t_A \text{ or } t_B \]

\[ t_{gA} = t_A / 4 \text{ (for } B \text{ welded or nonwelded)} \]

The governing thickness of \( A \) is the greater of \( t_{g1} \) or \( t_{g2} \).

The governing thickness of \( B \) is the greater of \( t_{g2} \) or \( t_{g3} \).

(f) Two Flat Plates With a Corner Joint

\[ t_{g1} \text{ thinner of } t_A \text{ or } t_B \]

(g) Welded Attachments as Defined in UCS-66(a)

\[ t_{g1} \text{ thinner of } t_A \text{ or } t_C \]

(b) Integrally Reinforced Welded Connection

**GENERAL NOTES:**
(a) Using \( t_{g1}, t_{g2}, \text{ and } t_{g3} \), determine the warmest MDMT and use that as the permissible MDMT for the welded assembly.
(b) \( t_g = \text{governing thickness of the welded joint as defined in UCS-66} \).