# Table 10C Pressure–Temperature Ratings for Group 1.10 Materials

<table>
<thead>
<tr>
<th>Nominal Designation</th>
<th>Forgings</th>
<th>Castings</th>
<th>Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A182 Gr. F22 Cl. 3 [Note (1)]</td>
<td>A217 Gr. WC9 [Notes (2)–(4)]</td>
<td>A387 Gr. 22 Cl. 2 [Note (1)]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Temperature, °F</th>
<th>Working Pressure by Classes, psig</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>75</td>
</tr>
<tr>
<td>−20 to 100</td>
<td>145</td>
</tr>
<tr>
<td>200</td>
<td>130</td>
</tr>
<tr>
<td>300</td>
<td>115</td>
</tr>
<tr>
<td>400</td>
<td>100</td>
</tr>
<tr>
<td>500</td>
<td>85</td>
</tr>
<tr>
<td>600</td>
<td>70</td>
</tr>
<tr>
<td>650</td>
<td>60</td>
</tr>
<tr>
<td>700</td>
<td>...</td>
</tr>
<tr>
<td>750</td>
<td>...</td>
</tr>
<tr>
<td>800</td>
<td>...</td>
</tr>
<tr>
<td>850</td>
<td>...</td>
</tr>
<tr>
<td>900</td>
<td>...</td>
</tr>
<tr>
<td>950</td>
<td>...</td>
</tr>
<tr>
<td>1,000</td>
<td>...</td>
</tr>
<tr>
<td>1,050</td>
<td>...</td>
</tr>
<tr>
<td>1,100</td>
<td>...</td>
</tr>
<tr>
<td>1,150</td>
<td>...</td>
</tr>
<tr>
<td>1,200</td>
<td>...</td>
</tr>
</tbody>
</table>

NOTES:

1. Permissible, but not recommended for prolonged use above 1,100°F.
2. Use normalized and tempered material only.
3. Not to be used over 1,100°F.
4. The deliberate addition of any element not listed in ASTM A217, Table 1 is prohibited, except that calcium (Ca) and manganese (Mn) may be added for deoxidation.