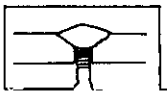
High Strength 9% and 2% Cr-1% Mo Steels with

*

Table 1 Chemical compositions of laboratory steels used (mass %)

2.2 Experimental Methods

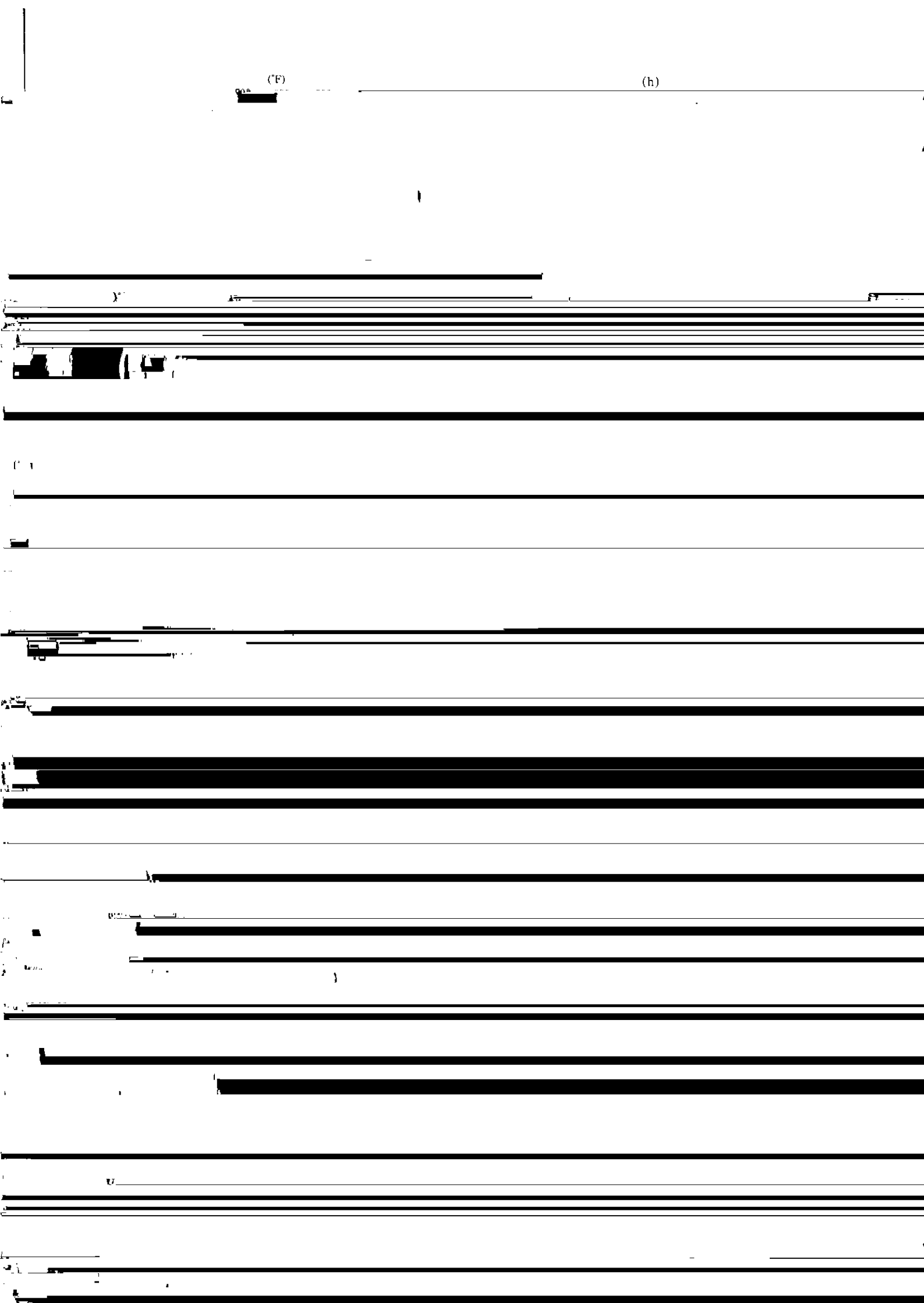
2.2.1 Fundamental experiments



Submerged-arc weld bead

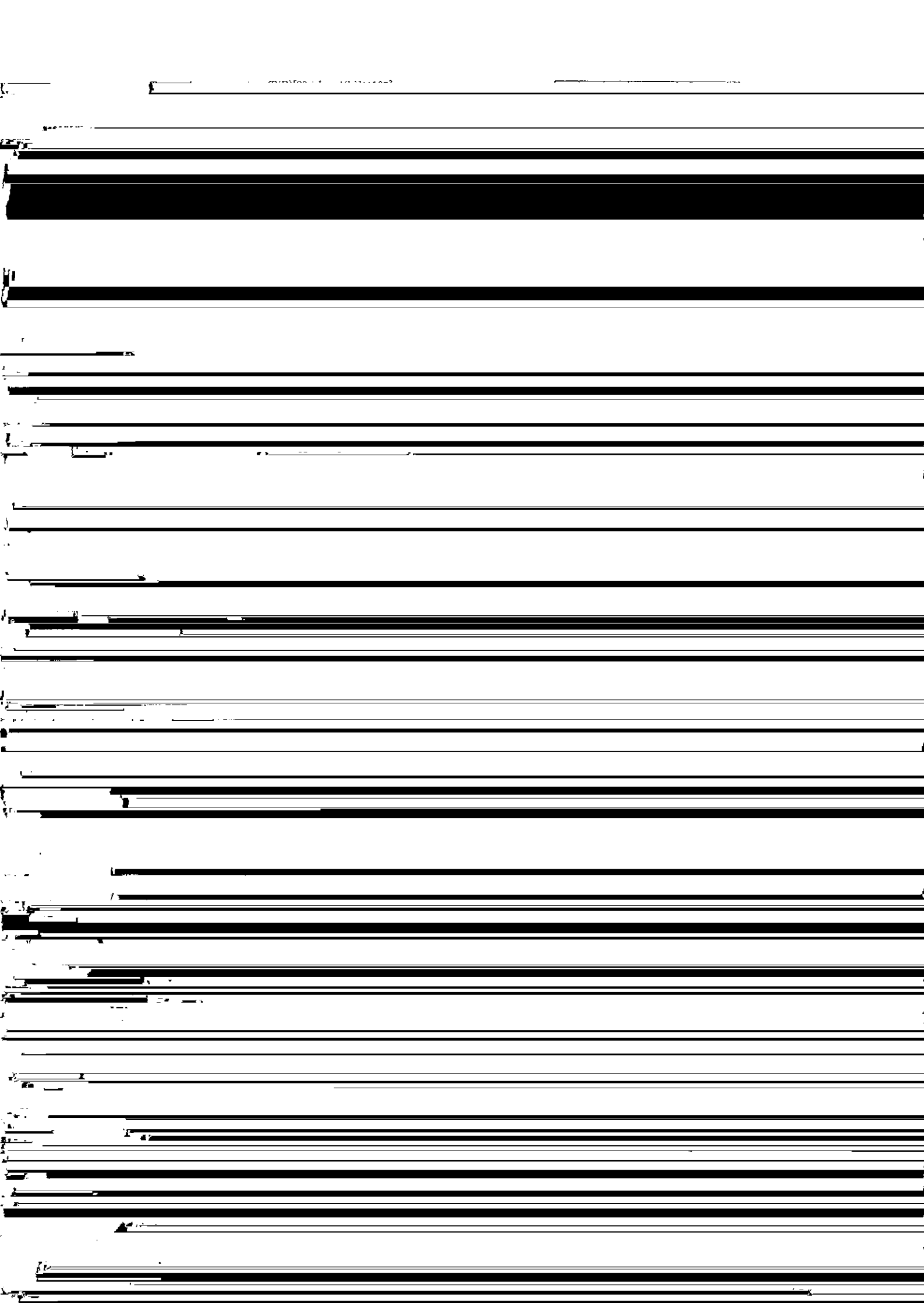
Base plate and test specimens after welding

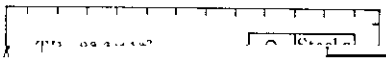
(°F) (h)



bond together, showing smooth grain-boundary fracture

ture of M_6C type and form precipitation-free zones combination of a reduction in impurity elements such

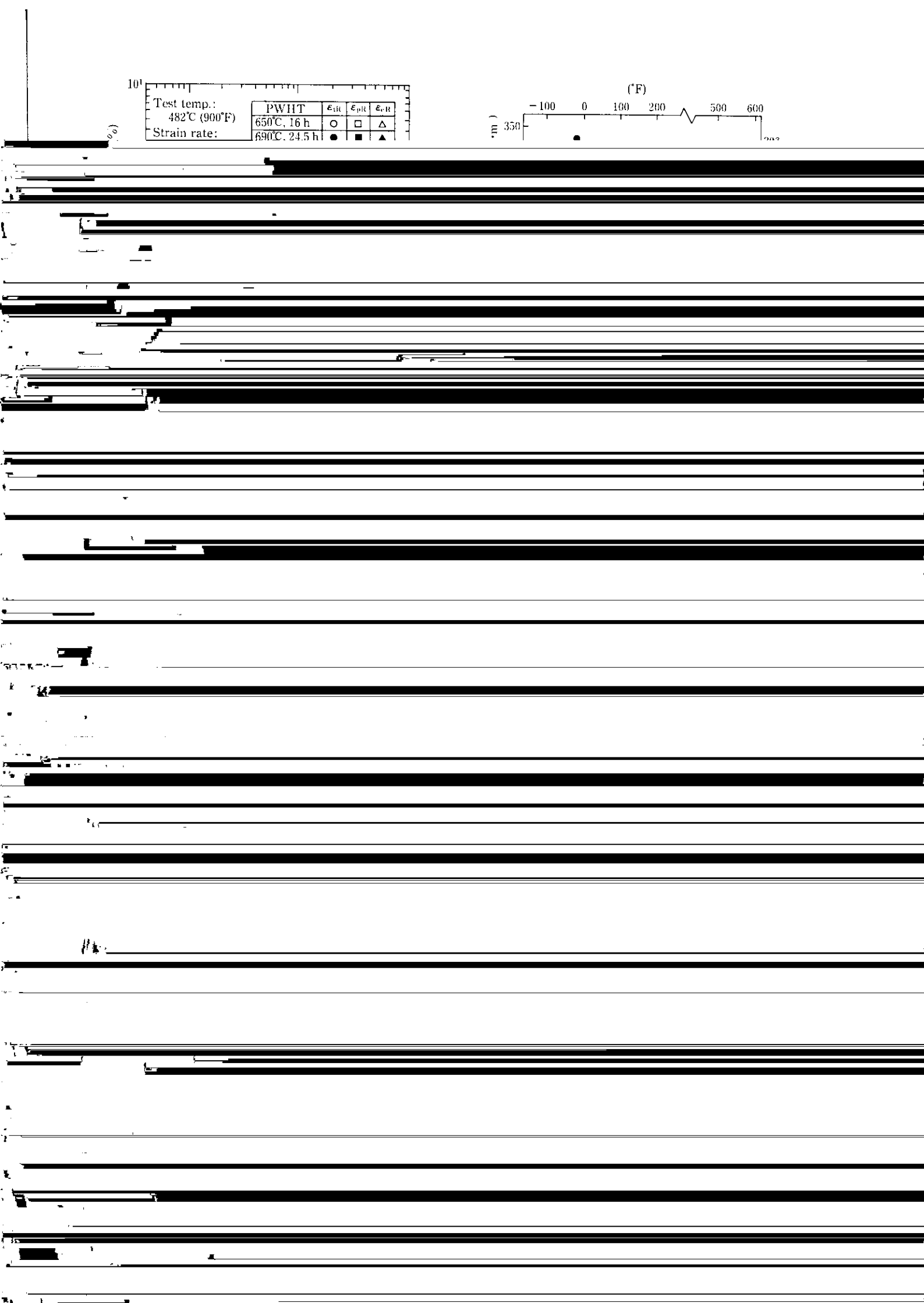




(h)

Table 5 Chemical compositions of weld metals

[illegible]


Test temp.:
482℃ (900°F)
Strain rate:
PWHT
650℃, 16 h
690℃, 24.5 h
(°F)
−100
0
100
200
500
600
350