



# INTERNATIONAL BROTHERHOOD OF BOILERMAKERS


## Iron Ship Builders • Blacksmiths • Forgers & Helpers • Lodge 146

# HOW TO READ WELDING TICKETS

DESCRIPTION	MOST COMMON EXAMPLES
<b>Process(es):</b> indicates what process(es) you are qualified to weld.	GTAW - TIG Welding SMAW - STICK Welding
<b>Max Deposited Weld Metal (Th.):</b> indicates the maximum thickness you can weld with that particular process and F number.	Example: The ticket below indicates that the welder is qualified to a maximum thickness of 6 mm using F6 electrode in the GTAW (TIG Process) and a maximum thickness of 12 mm using F4 electrode in the SMAW (Stick Process).
<b>Filler Metal Group (F Number):</b> indicates the electrode of wire type.	F3 - E6010 F4 - Low Hydrogen E7018 F5 - Stainless ER308 / ER309 etc. F6 - Most Bare Wire ER70 / ER309 / FCAW (Fluxcored) F43 - Inconel
<b>Backing:</b> indicates if a root pass/backing plate is needed.	WITH - qualified to weld on a backing (root pass or baking plate) WITHOUT - qualified to weld root passes.
<b>Progression:</b> indicates the direction of the weld.	UP - welding from 6 o'clock to 12 o'clock.
<b>Material:</b> indicates the type of material a welder can weld on.	P1 - Mild Steel P5 - Chrome P8 - Stainless P4X -Inconel
<b>Minimum Pipe Dia:</b> indicates the minimum pipe diameter a welder is qualified to weld. (No maximum diameter)	Example: The ticket below indicates that a minimum pipe diameter qualified is 25 mm OD.
<b>Positions Qualified:</b> indicates the position of the weld.	1G - Flat 2G - Pipe Vertical / Weld Horizontal 5G - Pipe Horizontal / Weld Vertical 6G - 45 degrees ALL - qualified to weld all positions
<b>Backing Gas:</b> indicates if an argon purge WAS NOT used.	NONE - Welder can weld with or without purge. WITH - Welder can weld with a purge only

### FRONT OF TICKET

### BACK OF TICKET

	<b>BOILERMAKERS LODGE 146 TRAINING SCHOOL</b> <b>TRADE TRAINING SCHOOL</b>	
	<b>AOQP No. 7103 (C)</b>	
<b>WELDER PERFORMANCE QUALIFICATION CARD</b>		
Name _____	Welder Name _____	File No. <u>ABS A #</u>
<small>This card is issued pursuant to the Safety Codes Act and the Pressure Welders Regulation. The performance qualification is in accordance with Section IX of the ASME Code and subject to the limitation on the reverse side.</small>		
May 15, 2015	_____ <i>Signature of Welder</i>	
Date of Test	Welder/Welding Operator Signature	
Examiner Name	012345	
Welding Examiner Name	Card Number	

PERFORMANCE QUALIFICATION		Card Number <b>012345</b>
GTAW	SMAW	P1 thru P5
Process(es)		Material (P. No.)
6 mm	12mm	25 mm OD
Max Deposited Weld Metal Th.		Minimum Pipe Dia.
F6	F4	All
Filler Metal Group (F No.)		Positions Qualified
Without	With	None
Backing		Backing Gas
UP	UP	
Progression		
_____ <i>Signature of Examiner</i>		
Signature of Examiner		