



Pacific Welder & Motive Power Services Ltd.

14565-118 Avenue Edmonton, Alberta T5L 2M7

Phone: 780-455-5559 Fax: 780-455-5755

www.pacificwelder.com

"Assisting Industries, Powering Progress"

Service-Repair on

Welding Equipment, Plasma Cutter
and Battery Charger

Authorize Warranty Shop for

Lincoln, Miller, Hobart,
Victor Technologies, Hypertherm,
Exide Technologies, ESAB & MK
Products

Calibration & Certificate of Conformance ELECTRIC WELDING EQUIPMENT

Certificate # _____

Customer: _____

Address: _____

Issued Date: _____

Calibrated Date: _____

Approved Date: _____

Calibration Due Date: _____

PO# _____ Work Order# _____

WELDING WIRE FEEDER

Asset ID#

SERIAL # _____

Calibration Procedure:

Equipment Manufacturer:

MODEL# _____

Accuracy Specification:

TEST	Machine Settings		Machine W/F Volt reading	Measured W/F Volt reading	Adjusted/ Final volt reading	Machine W/F IPM reading	Measured W/F IPM reading	IPM% Deviation	Adjusted/ Final IPM reading	P-Pass	
	Volts	IPM								F-Fail	
xxxxx								xxxxx		Initial	Final
LS											
1											
2											
3											
RS											
1											
2											
3											

Note ***** % Deviation = $\frac{\text{Measured reading} - \text{Machine reading}}{\text{Measured reading}} \times 100$

REPAIRS:

REMARKS:

STANDARDS USED FOR CALIBRATION

Equipment #	Test Equipment Description	Serial#	Cal. Date/ Due Date
PW001	FLUKE MODEL 87V TRUE-RMS MULTIMETER	88840224	24Feb2012/24Feb2013
PW005	SHIMPO MODEL DT-205L Digital Laser Tachometer	C09AB0022	12Sep2011/12Sep2012

Equipment as described above has been calibrated using testing equipment & standards traceable to the NIST Standards.

Work Performed By: _____ Signature: _____

Approved By: _____ Service Manager: _____

Pacific Welders & Motive Power Services Ltd. certifies that the above test equipment meets or exceeds factory specifications.
Certificate of calibration Pacific.doc 10/29/10



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Issued Date: _____

Calibrated Date: _____

Approved Date: _____

Calibration Due Date: _____

POWER SOURCE

Asset ID # _____ ☐ Transformer type welder ☐ Inverter type welder ☐ Engine driven

Equipment Manufacturer: _____

Serial # _____

Model # _____

Calibration Procedure: _____

Accuracy Specifications: _____

Equipment OCV as Found: _____ Rated _____ Actual _____

Tests	Machine Settings		Calibration Equipment Meter Reading		Equipment Under Test Initial Readings		Volts% Deviation	Amp % Deviation	Equipment Under Test Final Readings		P-Pass	F-Fail	
	xxxx	VOLTS	AMPS	VOLTS	AMPS	VOLTS	AMPS	xxxxx	xxxxx	VOLTS	AMPS	Initial	Final
1													
2													
3													

Note ****% Deviation = Calibrator - Machine Reading X 100 / Calibrator

REPAIRS: _____

REMARKS: _____

STANDARDS USED FOR CALIBRATION

Equipment #	Test Equipment Description	Serial#	Cal. Date/ Due Date
PW001	FLUKE MODEL 87V TRUE-RMS MULTIMETER	88840224	24Feb2012/24Feb2013
PW002	FLUKE MODEL 376 TRUE-RMS CLAMP METER	15161443	23Feb2012/23Feb2013
PW003	MILLER LOADBANK 750A @ 50 Volt	KD361573	RESISTIVE LOAD IN REFERENCE ONLY W/RESPECT TO PW002
PW005	SHIMPO MODEL DT-205L Digital Laser Tachometer	C09AB0022	12Sep2011/12Sep2012
PW006	FLUKE-62 INFRARED THERMOMETER	26K2579	23Feb2012/23Feb2013

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Work Performed By: _____

Signature: _____

Approved By: _____

Service Manager: _____

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Certificate # _____

Customer: _____

Address: _____ PO# _____ Work Order# _____

Issued Date: _____

Calibrated Date: _____

Approved Date: _____

Calibration Due Date: _____

ROD OVEN

Asset ID# _____

Equipment Manufacturer: _____

SERIAL # _____

MODEL# _____

Calibration Procedure: _____

Accuracy Specification: _____

Calibrator Equipment Reading		Equipment Reading		% Deviation	[P] PASS Or [F] FAIL
Initial Temperature °F	Final Temperature °F	Initial Temperature °F	Final Temperature °F		

***** % Deviation = $\frac{\text{Measured reading} - \text{Machine reading}}{\text{Measured reading}} \times 100$

REPAIRS: _____

REMARKS: _____

STANDARDS USED FOR CALIBRATION

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PW003	MILLER LOADBANK 750A @ 50VOLTS	KD361573	RESISTIVE LOAD IN REFERENCE ONLY W/RESPECT TO PW002

Equipment as described above has been calibrated using testing equipment & standards traceable to the NIST Standards.

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Preventative Maintenance and Inspection Report

Customer _____		PO# _____		WSL report # _____	
Serial #: _____		Model: _____		Code#: _____ Unit#: _____	
<input type="checkbox"/> Transformer type welder <input type="checkbox"/> Stick welder <input type="checkbox"/> Wire Feeder		<input type="checkbox"/> Inverter type welder <input type="checkbox"/> Mig welder <input type="checkbox"/> Spool gun		<input type="checkbox"/> Engine driven welder <input type="checkbox"/> Tig Welder <input type="checkbox"/> Plasma cutter <input type="checkbox"/> Other (describe): _____	
Maintenance Performed <i>Legend: 1=acceptable 2=needs repair 3=repaired & Acceptable N/A or ____ = not applicable</i>					
____ remove covers and panels ____ clean & blow-out unit with compressed air ____ inspect & verify input power setting ____ inspect unit shore plug-in		____ inspect & tighten connections ____ do inspection below as required ____ set-up & run test unit ____ re-install covers & panels			
Weld test / Cutting test ____		Load Test ____		Open circuit voltage as found: ____ volts	
Inspection performed (component installed on unit only)					
____ covers & panels ____ input power cable ____ input power plug ____ input on/off switch ____ output terminals ____ Mig gun ____ Electrode holder ____ Tig torch ____ Plasma torch ____ ground clamp ____ ground cable ____ main rectifier ____ main contactor ____ main transformer ____ control transformer ____ control cable ____ circuit board ____ Other Component(s) _____	____ selector switch ____ ammeter gauge ____ voltmeter gauge ____ digital display ____ relay ____ potentiometer ____ rheostat ____ resistor ____ capacitor ____ diode ____ fan motor ____ fan blade ____ flow gauge ____ gas/air regulator ____ gas/air solenoid ____ gas/air hose ____ gas/air gauge	____ water cooler ____ foot control ____ hand control ____ tig cable/hose ____ HF Tungsten ____ HF spark gap ____ selector knob ____ gun case ____ spool holder ____ wire guides ____ drive rolls ____ nozzle ____ tips & electrode ____ gas diffuser ____ trigger switch ____ liner ____ Aux. AC power plug	____ volt regulator ____ circuit breaker ____ ignition switch ____ fuel tank ____ muffler ____ stator ____ rotor ____ brushes ____ bearing ____ oil filter ____ fuel filter ____ air filter ____ engine		

Remarks: _____

Repair: _____

Inspected by: _____ Verified by: _____ Date: _____