

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780-

INVOICE

37914

INVOICE

Printed Date: 05/14/2022 Work Completed: 05/14/2022

CHEMCO ELECTRICAL-EQUIPMENT

3135-4th ST
NISKU, AB T9E-8L1
Office 780-436-9570 -- Fax 780-434-0811

2013 MaGNUM - MMG25 GEN SET UNIT#40951 -
Lic # : Odometer In : 0
Unit # : UNIT#40951
VIN # : 1306223

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
Shop Supplies			31.88	(1) INSPECT FOR WARNINGS BEING ON. GET UNIT RUNNING, CHECK SERVICE STICKER * TEST UNIT * VERIFY SERVICE STICKER	97.50
				LOAD BANK UNIT ON SITE SRP INV#1237	540.00

Org. Estimate 71.66 Revisions 0.00 Current Estimate 71.66

Labor:	97.50
Parts:	31.88
Sublet:	540.00
SubTotal:	669.38
Tax:	33.47
Total:	702.85
Bal Due:	\$702.85

[Payments -]

STK-32

Vehicle Received: 4/20/2022

Customer Number : 2548

GST#865376503RT0001

Signature _____ Date _____

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780- -

REPAIR ORDER #

037914

REPAIR ORDER - RO

Scheduled : 04/20/2022 06:23 AM

Print Date : 4/20/2022

CHEMCO ELECTRICAL-EQUIPMENT

3135-4th ST
NISKU, AB T9E-8L1
Office 780-436-9570 — Fax 780-434-0811
Cust ID : 2548
Last Service : 2/9/2022

2013 MaGNUM - MMG25 GEN SET UNIT#40951 -

Lic # : -
Unit # : UNIT#40951
VIN # : 1306223
MFG Date : 8/26/2013

Previous Odom : 19456

Current Odom : 0

Elapsed : 0

Labor Requested / Part SubTotal

Extended

(1) INSPECT FOR WARNINGS BEING ON. GET UNIT RUNNING, CHECK SERVICE STICKER

65.00

Shop Supplies

Parts Subtotal 0.00
3.25

Parts: 0.00
Labor: 65.00

Supplies: 3.25

Tax: 3.41

Total: 71.66
Balance: 71.66

TEARDOWN ESTIMATE: I understand that my vehicle will be reassembled within ___ days of the date shown above if I choose not to authorize the service recommended. All Parts removed will be discarded unless instructed otherwise: Save all Parts ____. NOT RESPONSIBLE FOR LOSS OR DAMAGE TO MY VEHICLE OR ARTICLES LEFT IN VEHICLES IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE. ALL VEHICLES LEFT MUST HAVE OWN INSURANCE. ANY VEHICLES LEFT OVER 30 DAYS WITHOUT CONSENT WILL BE PROPERTY OF WRENCHHEAD MECHANICAL.

Authorized By _____ Date _____ Time _____

Technician Work Sheet Service Writer : ANDREW, RYAN

Print Date: 4/20/2022

2013 MaGNUM - MMG25 GEN SET UNIT#40951

Hat # :

Repair Order #

VIN # : 1306223

Color :

037914

Engine :

Location :

Lic # :

Lic. State :

CHEMCO ELECTRICAL-EQUIPMENT

Schedule :

Office 780-436-9570 --- Fax 780-434-0811

Promised Date : 4/20/22 5:00 P.M.

Inspection Date : 8/26/13

Status :

Last Service : 2/09/22

Unit # : UNIT#40951

Current Odometer : 0

Trans :

Previous Mileage : 19,456

Brakes :

Elapsed Mileage : 0

Manufacture Date : 8/26/13

Labor Description

Charged Hours

<input type="checkbox"/>	(1) INSPECT FOR WARNINGS BEING ON. GET UNIT RUNNING, CHECK SERVICE STICKER	1.00
	Technician: <none>	

OUT ODOMETER :

Total Hours Charged : 1.00

Hours out: 0.00

Tech Notes

WRENCHHEAD MECHANICAL

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Phone: 780-436-9570 Fax: 780- -

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INVOICE

37428

Org. Est. # 054189

INVOICE

Ref # : 2417 HOURS

Date: 02/09/2022

CHEMCO ELECTRICAL-EQUIPMENT

3135-4th ST
NISKU, AB T9E-8L1
Office 780-436-9570 -- Fax 780-434-0811

2013 MaGNUM - MMG25 GEN SET UNIT#40951 -
Lic # :
Unit # : UNIT#40951
VIN # : 1306223
Engine Hrs In : 2417.0 Odometer In : 0
Engine Hours Out : 2417.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
OIL SAMPLE JAR-STK 3202711103-50 Shop Supplies	1.00	23.93	23.93	(1) SERVICE CALL TOO LAC LABICHE * SERVICE UNIT * DRAIN AND FILL * PARTS BILLED ON 37265	325.00
			16.25		

Org. Estimate 383.44 Revisions 0.00 Current Estimate 383.44

Labor:	325.00
Parts:	40.18
SubTotal:	365.18
Tax:	18.26
Total:	383.44
Bal Due:	\$383.44

STK 40.18

[Payments -]
Vehicle Received: 2/9/2022

Customer Number : 2548

GST#865376503RT0001

Signature _____ Date _____

WRENCHHEAD MECHANICAL

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INVOICE

33950

Org. Est. # 050698

INVOICE

Ref #: 19456 HOURS

Date: 10/29/2020

CHEMCO ELECTRICAL-EQUIPMENT

3135-4th ST
NISKU, AB T9E-8L1
Office 780-436-9570 -- Fax 780-434-0811

2013 MaGNUM - MMG25 GEN SET UNIT#40951 -

Lic # : Odometer In : 19456
Unit # : UNIT#40951
VIN # : 1306223
Engine Hrs In : 19456.0 Engine Hours Out : 19456.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
Shop Supplies			23.63	SERVICE CALL FOR NO 600V OPERATION SRP INVOICE#1055	472.50

Org. Estimate 520.94 Revisions 0.00 Current Estimate 520.94

Labor:	0.00
Parts:	23.63
Sublet:	472.50
SubTotal:	496.13
Tax:	24.81
Total:	520.94
Bal Due:	\$520.94

[Payments -]
Vehicle Received: 2020-10-29

STK-24

Customer Number : 2548

GST#865376503RT0001

Signature _____ Date _____



WORK ORDER: 2598

DATE: 28-Oct-2020

CUSTOMER:	Chemco
ATTENTION:	Ryan Andrews
PURCHASE ORDER:	40951
SITE LOCATION:	Nisku Shop

EQUIPMENT DETAILS	SMU	UNIT REFERENCE	SERIAL NUMBER
Generac Generator	19456	40951	1306223

DESCRIPTION OF WORK
<p style="text-align: center;">Troubleshoot "600v inoperable"</p> <p>Runtest: intial runup found excessive voltage swing and intermittent loading/short.</p> <p>Pulled panels and blowout mouse nest, check wiring in panel, pull genend panel: excessive build up of debry, clean out wiring and blowout genend stator. Found field wiring rubbed through, repair and replace.</p> <p>Dissassemble stack switch and 480/600v switch, clean out with contact cleaner, apply electrical grease. Test all wiring and runtest.</p> <p>Unit is now achieving rated voltages 208/480/600v</p> <p>Adjust AVR voltage setting and stability. Unit is now ready to be put into service</p> <p style="text-align: center;">**recommend thorough loadbank**</p>

MATERIALS & CHARGES			OFFICE USE ONLY	
QTY	PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
1	SS	Shop supplies		
			SUBTOTAL	

TECHNICIAN	TRAVEL TIME		LABOUR			TRUCK MILEAGE	
	TO SITE	FROM	REG	OT	TOTAL	TO SITE	RETURN
Jason			3.5		3.5	33kms	33kms
			TOTAL			TOTAL 66kms	

CUSTOMER ACCEPTANCE OF WORK COMPLETED		SRP ASSURANCE OF JOB COMPLETION (INITIAL)	JZ
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WRENCHHEAD MECHANICAL

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Phone: 780-436-9570 Fax: 780-

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INVOICE

31962

Org. Est. # 048688

INVOICE

Ref #: 17701HOURS

Date: 04/07/2020

CHEMCO ELECTRICAL-EQUIPMENT

3135-4th ST
NISKU, AB T9E-8L1
Office 780-436-9570 -- Fax 780-434-0811

2013 MaGNUM - MMG25 GEN SET UNIT#40951 -
Lic # : Odometer In : 17701
Unit # : UNIT#40951
VIN # : 1306223
Engine Hrs In : 17701.0 Engine Hours Out : 17701.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
SYNTHETIC 5W40 OIL-STK 5W40SYN	7.00	5.50	38.50	(1) SEE RECEIVING REPORT FOR LIST OF ISSUES. CAME BACK FROM SITE, NOT WORKING * SEE TECH SHEET	195.00
AIR FILTER-STK AF25539	1.00	45.27	45.27	(2) PERFORM INSPECTION AS PER CHECKLIST, SERVICE UNIT AS REQUIRED (OIL SAMPLE IF REQ), VERIFY OPERATIONS. * SEE TECH SHEET	195.00
OIL FILTER (LF3536)-STK B161S	1.00	7.10	7.10		
FUEL FILTER-STK FF42003	1.00	8.02	8.02	LOAD BANK UNIT SRP SERVICES INV#1004	n/c
LOW COOLANT SENSOR-STK 65592	1.00	81.03	81.03		
Shop Supplies			19.50		

Org. Estimate 358.31 Revisions 0.00 Current Estimate 358.31

Labor:	390.00
Parts:	199.42
SubTotal:	589.42
Tax:	29.47
Total:	618.89
Bal Due:	\$618.89

STK-199

[Payments -]
Vehicle Received: 2020-02-12

Customer Number : 2548

GST#865376503RT0001

Signature _____ Date _____

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780- -

REPAIR ORDER #

031962

Org. Est. # 048688

REPAIR ORDER - RO

Scheduled : 02/12/2020 10:27 AM

Print Date : 2/12/2020

CHEMCO ELECTRICAL-EQUIPMENT

3135-4th ST
NISKU, AB T9E-8L1
Office 780-436-9570 --- Fax 780-434-0811
Cust ID :
Last Service : 2020-01-14

2013 MaGNUM - MMG25 GEN SET UNIT#40951 -

Lic # : -
Unit # : UNIT#40951
VIN # : 1306223

MFG Date : 8/26/2013

Previous Odom : 17701
15406

Current Odom : 0

Elapsed : 0

Labor Requested / Part SubTotal

Extended

(1) SEE RECEIVING REPORT FOR LIST OF ISSUES. CAME BACK FROM SITE, NOT WORKING	65.00
(2) PERFORM INSPECTION AS PER CHECKLIST, SERVICE UNIT AS REQUIRED (OIL SAMPLE IF REQ), VERIFY OPERATIONS.	195.00
(3) SEND FOR LOAD BANK	65.00
Parts Subtotal	0.00
Shop Supplies	16.25

LF 3536 / B 16LS
FF42003
AF25539

Parts: 0.00	Supplies: 16.25	Tax: 17.06	Total: 358.31
Labor: 325.00			Balance: 358.31

TEARDOWN ESTIMATE: I understand that my vehicle will be reassembled within ___ days of the date shown above if I choose not to authorize the service recommended. All Parts removed will be discarded unless instructed otherwise: Save all Parts ___. NOT RESPONSIBLE FOR LOSS OR DAMAGE TO MY VEHICLE OR ARTICLES LEFT IN VEHICLES IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE. ALL VEHICLES LEFT MUST HAVE OWN INSURANCE. ANY VEHICLES LEFT OVER 30 DAYS WITHOUT CONSENT WILL BE PROPERTY OF WRENCHHEAD MECHANICAL.

Authorized By _____ Date _____ Time _____

2013 MaGNUM - MMG25 GEN SET UNIT#40951

Hat # :

Repair Order #

VIN # : 1306223

Color :

031962

Engine :

Location :

Lic # :

Lic. State :

CHEMCO ELECTRICAL-EQUIPMENT

Schedule : 2/12/20 10:30 A.M.

Office 780-436-9570 --- Fax 780-434-0811

Promised Date : 2/12/20 5:00 P.M.

Inspection Date : 8/26/13

Status :

Last Service : 1/14/20

Unit # : UNIT#40951

Current Odometer : 0

Trans :

Previous Mileage : 15,406

Brakes :

Elapsed Mileage : 0

Manufacture Date : 8/26/13

Labor Description

Charged Hours

<input type="checkbox"/> (1) SEE RECEIVING REPORT FOR LIST OF ISSUES. CAME BACK FROM SITE, NOT WORKING Technician : <none>	1.00
<input type="checkbox"/> (2) PERFORM INSPECTION AS PER CHECKLIST, SERVICE UNIT AS REQUIRED (OIL SAMPLE IF REQ), VERIFY OPERATIONS. Technician : <none>	3.00
<input type="checkbox"/> (3) SEND FOR LOAD BANK Technician : <none>	1.00

OUT ODOMETER : 17701

Total Hours Charged : 5.00

Hours out: 0.00


Tech Notes

For Pre-Delivery & Upon return To Edmonton

✓ P = Pass F = Fail R = Repaired N/A = Not Applicable

EQUIPMENT TYPE:		ENGINE HOURS				GENERATOR HOURS				UNIT #:	
Genset		17701								40951	
		DATE:								March 27/2018	
		P	F	R	N/A			P	F	R	N/A
1	LOCKOUT IN PLACE	✓				13	CERT DATE				✓
2	WHEEL CHOCKS IN PLACE	✓				14	CALIBRATION IS VALID & MARKED, CERT SUPPLIED				✓
3	OVERALL CONDITION OF UNIT	✓	✓			15	WINCH OPERATION, LOCKS AND SAFETY ITEMS				✓
4	COMPLETE SERVICE - OIL & FILTERS	✓	✓			16	SERVICE INTERVAL STICKER	✓			
5	FUEL SYSTEM SERVICE FILTERS AND TANK CONDITION	✓	✓			17	TRANSPORT ITEMS; WHEEL BEARINGS, WHEELS, TIRES, SPRINGS, HANDLES, LATCHES, LIFTING LUGS, FRAME AND JACK	✓			
6	HYDRAULIC SYSTEM (IF APPLICABLE)				✓	18	UNIT #'S, CHEMCO DECALS, AND WARNING DECALS	✓			
7	SPILL KIT PROVIDED FOR UNITS WITH HYDRAULICS				✓	19	CHEMCO ID TAGS & NUMBERS	✓			
8	DC CHARGING SYSTEM BATTERY, ALTERNATOR, AND CABLES	✓				20	FIRE EXTINGUISHER CONDITION & INSPECTION TAG	✓			
						21	INSPECTION TAG DATE				
9	COOLING SYSTEM: COOLANT, RADIATOR, FAN, BELTS, TENSIONERS, IDLERS, PULLEYS, WATER PUMP, THERMOSTAT, OVERFLOW OPERATION	✓	✓			22	FIRE EXTINGUISHER #:	✓			
10	STARTING SYSTEM	✓				23	LOAD TEST, FUNCTION TEST & PROPER OPERATION		✓		
11	WINTERIZE: BLOCK HEATER, BATTERY BLANKET, COOLANT STRENGTH	✓				24	OWNERS/OPERATORS MANUAL WITH EQUIP	✓			
12	AC SYSTEM LIGHTS PLUG INS AND FIXTURES	✓				25	CHECK TRAILER AXLE BOLTS				✓

TIRE PRESSURE				[✓] psi	[] kPa
LF:	35	RF:	35	LR:	
				RR:	

FUEL LEVEL (Mark Level)	MAINTENANCE REQUIRED/REMARKS:
	

INSPECTION REPORT SIGN-OFF		
Tanner Technician (Print Name)	 Technicians Signature	 Supervisors Signature

40951
2013 Magnum MMB 25
17701 hr

3-4 { LOF
Coolant level sensor
Reset up voltage regulator
Air Filter
Fuel Filter.
Load bank unit.
Operators manual

3.4 + inspection = 6

B1615	7
FF42003	8
AF25539	44
5W4054W	51
65592	81

LABank	- 390
PARTS	<u>191</u>
	581
Sublet	- 300 +/-
(load bank)	881

