

INVOICE NO JWO091279-1	INVOICE DATE 2020-10-21
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CUSTOMER NO BP0005070	PAGE NO 2
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PAYMENT TERMS
DUE ON RECEIPT

SERVICE INVOICE

CUSTOMER PO

METER : 0

LOCATION

ITEM / Lot ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
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SEGMENT 1 TOTAL:

134-2012 \$
134 3012 \$

PARTS	
LABOR	
MISC.	
SALES TAX	
INVOICE TOTAL (USD)	4,829.48

Note: Electrical Components are Non-Returnable. Up to a 15% restock fee may be applicable on all other components. Thank you for your business.

INVOICE NO
JWO091279-1INVOICE DATE
2020-10-21CUSTOMER NO
BP0005070PAGE NO
1PAYMENT TERMS
DUE ON RECEIPT

SERVICE INVOICE

CUSTOMER PO

INVOICE TO:

WORK SITE:

SALESMAN:
CONTACT :SERVICE ORDER :SWO091279
REF:CEDARAPIDS CRUSH/SCREEN MODEL:3054 CRUSHER S/N:44924 CUST UNIT: UNIT:EQ0018837
METER :0SEGMENT : 1 BEARING WENT OUT FIELD LABOR
SEGMENT TYPE:Chargeable

CEDARAPIDS CRUSH/SCREEN MODEL:3054 CRUSHER S/N:44924 CUST UNIT: UNIT:EQ0018837

WORK SITE:

METER :0

LOCATION

WORK DESCRIPTION :
BEARING WENT OUT

CAUSE:

10/19/20 DROVE TO CUSTOMER LOCATION IN EDNA KS. CONTACTED CUSTOMER AND WAS TAKEN TO THE IMPACT CRUSHER. CUSTOMER STATED THAT HE DRAIN VALVE HAD A HOLE IN IT FROM SOMETHING INSIDE THE CRUSHER. REMOVED THREE COVERS OFF OF THE OUTSIDE AND COULD SEE THAT SOMETHING WAS BEATING AROUND INSIDE. STILL COULD NOT GET A GOOD VISUAL, REMOVED THE SIDE COVER AND CONTINUED INSPECTION.

CORRECTION:

10/19/20 FOUND ONE OF THE BOX BOLTS HAD CAME OUT OF THE TOP CORNER. REPLACED WITH A BOLT THAT WOULD FIT GRADE 8 WITH A LOCK NUT. ADDED SILICONE AND INSTALLED THE BOLT INTO THE HOLE. IN ORDER TO INSTALL THE WASHER AND NUT HAD TO CUT A PLATE OUT OF THE SIDE WHERE THE SPRAY BAR WOULD GO. INSTALLED THE WASHER AND NUT. BEGAN TO WELD THE PLATE BACK IN. CUSTOMER NOTIFIED THAT LOCATION WAS CLOSING FOR THE DAY. PUT AWAY TOOLS, CLEANED WORK AREA AND RETURNED TO THE SERVICE CENTER.

10/20/20 TO COMPLETE THE REPAIR PURCHASED SILICONE, WELDING ROD AND A CONE WIRE BRUSH. RETURNED TO QUARRY LOCATION IN EDNA, KS. CLEANED ALL OF THE OLD SILICONE OFF OF THE SURFACES AND FINISHED WELDING. CLEANED ALL OF THE DEBRIS OUT OF THE BOX. ADDED SILICONE AND BOLTED THE COVER BACK ON. CLEANED THE INSPECTION COVER PLATES, SEALED, AND BOLTED THE COVER BACK ON. PUT AWAY TOOLS AND CLEANED WORK AREA. NOTIFIED CUSTOMER THAT REPAIR WAS COMPLETE SO THAT THEY COULD INSTALL THE DRAIN PIPE AND FILL WITH OIL. RETURNED TO THE SERVICE CENTER.

ITEM / Lot ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
	82195 GASKET MAKER	2.00	25.99		
	SHOP SUPPLIES	1.00	75.00		
	MILEAGE 10/19/20	234.00	3.50		
	MILEAGE 10/20/20	234.00	3.50		
LABOR	BEARING WENT OUT				

Sales Order

Date	S.O. No.
7/27/20	12715

Name / Address	

Ship To

P.O. No.	Ship Date	Ship Via
	7/27/20	UPS

Item	Description	Shipped
Take Pictures	Take Pictures	
Disassemble	Disassemble	
Inspect, Tolerances	Inspect, Tolerances	
Clean	Clean	
Bake	Bake	
Re-lead	Re-lead	
Dip & Bake	Dip & Bake	
Surge	Surge	
Balance Rotor	Balance Rotor	
Replace Bearings	Replace Bearings	
Assemble, Test & Paint	Assemble, Test & Paint	
Record While Running	Record While Running	
Final Hi-Pot	Final Hi-Pot	
Final Checklist	Final Checklist	
MAT	MATERIAL	
FGHT	FREIGHT	
	Sales Tax	

7-28-20

Rebuilt Jaw Crusher Motor

		Total	\$6,245.34
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Signature _____

VOICE NO PS0152907-1	INVOICE DATE 2019-01-04
PAYMENT TERMS DUE ON RECEIPT	

CUSTOMER NO BP0005070	PAGE NO 1
CUSTOMER PO VG	

PARTS INVOICE

INVOICE TO:

SHIP TO:

Check Number :

Order taken by

SALESMAN ORDER NO PS0152907 DELIVERY TERMS:
SHIP VIA UPS - NEXT DAY CONTACT NAME:

POS.	SHIP	B/O	PART NUMBER / Lot ID	DESCRIPTION	WRH	PRICE	TOTAL
1	3		0 4503000339 Mfg Code COM	BRG	10100		
			Mfg Code COM				
	2		0 446020301 Mfg Code COM	COLLAR	10100		
800	1		0 PSHT Mfg Code	PARTS -SHIPPING & HANDL			

Serial No 020190104000000003

PARTS	
MISC CHARGES	
SUBTOTAL SALES TAX	
INVOICE TOTAL (USD)	1,558.01

ACCEPTANCE: _____

DATE: _____

Part charges
SHOP SUPPLIES 1.00
Misc charges
BEARING HAS FAILED LOCKED UP

OR

MENT 1 TOTAL:

Spec. Machinery
144-3012

Parts & Tooling
From Other Vendors
Will be sending
Detailed List.

PARTS	
LABOR	
MISC.	
SALES TAX	
INVOICE TOTAL (USD)	59,944.18

INVOICE NO 047914-1	INVOICE DATE 2018-01-24
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CUSTOMER NO BP0005070	PAGE NO 1
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PAYMENT TERMS
NET 1 DAY

SERVICE INVOICE

CUSTOMER PO
Mike

INVOICE TO:

WORK SITE:

IAN: SERVICE ORDER :SWO047914
T : REF:

APIDS CRUSH/SCREEN MODEL:3054 CRUSHER S/N:44924 CUST UNIT: UNIT:EQ0018837
:0

F : 1 BEARING HAS FAILED LOCKED UP FIELD LABOR

IT TYPE:Chargeable

APIDS CRUSH/SCREEN MODEL:3054 CRUSHER S/N:44924 CUST UNIT: UNIT:EQ0018837

SITE:

:0 LOCATION

DESCRIPTION :

ERAR RAPIDS JAW CRUSHER 5ABVGF3054 SER 44924

10/30/17 - DROVE TO CUSTOMER'S LOCATION AND INSPECTED UNIT. FOUND THAT THE UNIT WAS LEAKING OIL OUT OF THE LABYRINTH SEALS AT THE PITMAN AND SIDE BARINGS. DETERMINED THAT THE UNIT NEEDED TO BE REBUILT. THE BEARING AND THE SEALS NEEDED TO BE REPLACED. TECHNICIANS BEGAN REMOVING THE HOPPER SIDES AND THE CATWALK ABOVE THE JAW. INFORMED THE CUSTOMER OF THE FINDINGS, CUSTOMER REQUESTED A QUOTE BEFORE ADDITIONAL REPAIRS CAN BE MADE.

TION:
1/14/17 - 11/15/17 RETURNED TO CUSTOMER'S LOCATION AND CONTINUED REMOVING THE CATWALK. REMOVED THE BELT AND WHEEL GUARDS. BEGAN PREPARING THE SHEAVE AND WEIGHT FOR REMOVAL. REMOVED ALL OIL AND GREASE LINES, REMOVED THE UPPER HOISING BOLTS FOR THE SIDE BEARINGS. USED PORT-A-POWER TO REMOVE THE TOGGLE PLATE SHIMS. REMOVED THE TOGGLE PLATE.

1/16/17 - ONCE THE CRANE ARRIVED AND WAS SET UP WE REMOVED THE SHEAVE AND WEIGHT BY PRESSING THEM OFF. REMOVED THE BOTTOM BOLTS FOR THE SIDE BEARINGS. REMOVED THE JAW FROM THE HOUSING BY PRESS AND CRANE. LOADED IT INTO THE TRUCK ALONG WITH THE SHEAVE, WEIGHT, AND TOGGLE PLATE TO RETURN TO THE SHOP FOR REPAIR/CLEANING.

1/17/17 - UNLOADED THE JAW FROM THE TRAILER AND BROUGHT IT INTO THE SHOP. LOCKED UP ONTO CRIBBING. REMOVED OTHER PARTS AND PLACED INTO THE WASH BAY FOR CLEANING.

1/20/17 - BEGAN CLEANING THE JAW AND PREPARING FOR DISASSEMBLY, REMOVED THE END AND OUTER SEALS AND END COVER OFF OF BOTH SIDE BEARINGS.

1/29/17 - ATTEMPTED TO REMOVE THE SIDE BEARINGS, FOUND THAT TECHNICIAN NEEDED A SPECIALIZED TOOL TO REMOVE BEARING.

2/18 ONCE THE TOOL ARRIVED TO THE SHOP, THE SIDE BEARINGS WERE REMOVED FROM THE

Jaw Crusher

VOICE NO 0047914-1	INVOICE DATE 2018-01-24
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CUSTOMER NO BP0005070	PAGE NO 2
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PAYMENT TERMS NET 1 DAY

CUSTOMER PO Mike

SHAFT.

12/19 REMOVED THE SHAFT FROM THE HOUSING AND BEGAN PREPAIRING TO DISSASSEMBLE PITMAN BEARING.

12/20 PRESSED BOTH PITMAN BEARING OFF OF THE SHAFT, BEGAN CLEANING AND PREPAIRING FOR REASSEMBLY

12/21 PLACED PITMAN BEARING IS OIL HEATED TO 260 DEGREES AND INSTALLED THEM ONTO THE SHAFT. CLEANED THE PITMAN HOUSING AND INSTALLED THE SHAFT BACK INTO THE HOUSING. INSTALLED THE PITMAN END CAPS AND PITMAN LABYRINTH SEALS.

12/27 INSTALLED THE SIDE BEARING END CAPS AND PLACED BEARINGS IN HOUSING AFTER CLEANING HOUSING.

12/28 INSTALLED THE SIDE BEARING SEALS, HOUSING, AND BEARING.

12/29 - BEGAN INSTALLING THE TAPER SLEEVE ONTO THE SHAFT AND PRESSING TO 50% OF THE ORIGINAL BENCH CLEARANCE OF .013 HAD TO MOVE THE ASSEMBLY OUTSIDE OF THE SHOP TO FINISH.

1/2 - INSTALLED THE INSTALLATION NUT AND WRENCH AND REMOVED BEARING CLEARANCE FROM BOTH BEARINGS.

1/3 INSTALLED THE SIDE COVER O-RINGS, SIDE COVERS, AND CLEANED THE SHAFT FOR OUTER LABYRINTH TO MATE WITH AN INTERFERENCE FIT, INSTALLED THE OUTER SEALS AND SHAFT KEYWAY.

1/4 FINISHED UP THE JAW BY INSTALLING FITTINGS AND CLEANING THE EXCESS GREASE AND DIRT FROM THE TOGGLE PLATE, SHEAVE, AND WEIGHT.

1/5 - LOADED THE JAW ONTO THE TRUCK FOR TRANSPORT. LOADED THE SHEAVE, WEIGHTS, AND TOGGLE PLATE.

1/10 - ONCE THE CRANE WAS SET UP AT CUSTOMER' S LOCATION, INSTALLED THE JAW, CAP BOLTS, SHEAVE, AND WEIGHT.

1/11 - INSTALLED THE TOGGLE PLATE AND ADDED SHIMS, INSTALLED ALL HOSES AND FITTINGS.

1/12 - INSTALLED BELTS AND GUARDS ONTO THE SHEAVE AND WEIGHT. INSTALLED THE HOPPER SIDES.

1/13 - INSTALLED THE CATWALK AND WELDED CROSSWALK BACK ONTO THE MAINFRAME. FINISHED INSTALLING THE CATWALK AND BOLTING ALL THE GUARDS DOWN.

1/19 - CUSTOMER INDICATED THAT THE UNIT HAD NO OIL FLOW ON ONE SIDE BEARING AFTER RUNNING FOR 30 MINUTES.

ROVE TO CUSTOMER'S LOCATION AND INSPECTED UNIT. REMOVED THE LINE GOING TO THE SIDE BEARING AND FOUND THAT THE LINE HAD BEEN FILLED WITH GREASE AND OTHER CONTAMINANTS. PURGED THE LINE AND THOROUGHLY CLEANED OUT LINE AND ENSURED PROPER FLOW GOING TO BEARING.

CUSTOMER ALSO INDICATED THAT THE SHIMS NEED TO BE ADJUSTED. REMOVED 2 INCHES OFF THE CLOSED SIDE SETTING TO ALLOW LARGER DISCHARGE ROCK TO PASS THROUGH. TESTED THE UNIT AND FOUND NO ADDITIONAL ISSUES AT THIS TIME.

/	DESCRIPTION	QTY	PRICE	CORE	TOTAL
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INVOICE NO SW0027831-1	INVOICE DATE 2017-01-24
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PAYMENT TERMS NET 1 DAY

CUSTOM BP0005070	2
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CUSTOMER PO -----

SERVICE INVOICE

METER :0

LOCATION LABETT KS

ITEM / Lot ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
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LABOR	SHIPPING HANDLING-M	1.00			
	CERAR RAPIDS JAW CRUSHER 5ABVGF3054				

SEGMENT 1 TOTAL:

134-3012
134-2012
134-2016

PARTS	
LABOR	
MISC.	
SALES TAX	
INVOICE TOTAL (USD)	13,284.99

Note:

INVOICE NO SW0027831-1	INVOICE DATE 2017-01-24
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PAYMENT TERMS NET 1 DAY

CUSTOMER BP0005070	313251-0000 1
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CUSTOMER PO -----

SERVICE INVOICE

INVOICE TO:

WORK SITE:

SALESMAN:
CONTACT :

SERVICE ORDER : SW0027831
REF:

CEDARAPIDS CRUSH/SCREEN MODEL: FSG6203-32 SCREEN S/N: 34H195P CUST UNIT: UNIT: EQ0020276
METER : 0

SEGMENT : 1 ~~XXXXXXXXXX~~ ~~XXXXXXXXXX~~ ~~XXXXXXXXXX~~ FIELD LABOR

SEGMENT TYPE: Chargeable

CEDARAPIDS CRUSH/SCREEN MODEL: FSG6203-32 SCREEN S/N: 34H195P CUST UNIT: UNIT: EQ0020276

WORK SITE:

METER : 0

WORK DESCRIPTION :

BEARING HAS FAILED LOCKED UP

CAUSE:

DROVE TO JOB SITE AND INSPECTED UNIT AND FOUND THAT DRIVEN SIDE HAS A LOT OF BRASS IN GEAR BOX, AND BEARINGS IS LOOSE FITTING TALK TO CUSTOMER ABOUT REPLACING ALL 6 BEARINGS AND TAPER LOCKS AND A COMPLETE SET OF GEARS, PLUS AN OIL SEAL FOR DRIVE SHAFT. NEED TO QUOTE JOB

Quarry

CORRECTION:

1-11-2017 DROVE TO CUSTOMER'S LOCATION AND REMOVED BEARINGS AND GEAR SETS ON PLANT AND REPLACED ALL 6 BEARINGS AND 3 GEARS. WAITING ON THE NEW SEAL FOR GEAR BOX COVER TO ARRIVE.
RETURNED TO JOB SITE AND INSTALLED NEW SEAL IN SHAFT AND INSTALLED DRIVE BELT AND TESTED PLANT FOR PROPER OPERATION OF START UP AND RUN WORKING AS IT SHOULD. FOUND NO ADDITIONAL ISSUES AT THIS TIME.

COVERAGE :

275 miles round trip x2

ITEM / Lot ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
090002	ASSY LOC	6			
090001	BRG SPHE	6			
620287	GEAR SET (SET OF 3)	1			
620258	WASHER S	1			
12270	10.30Z SILICN	4			
080002	ASSY SEA	1			
080003	ASSY WEA	1			
	SHOP SUPPLIES	1.00			
	MILEAGE	137.00			
	QUARRY - SHIPG & HA	1.00			

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SK

No 9823
Date 3/26/2014
ners Order Number 47627

Sold To:		Ship to	
Shipped VIA:		Terms: Net 30 Days	F.O.B. Gardner, Ks
UPS:	Fedex:	Truck Line:	Delivered: 10-Mar Pick-up

Ordered	Shipped	Description	Amount
1	1	Re-wire Crushing Plant	
1	1	Ground Wire Test	
7951 134-2012 Quarry			
Sub Total			
Freight			
Total Due:			\$33,580.00

Invoice

INVOICE NO PS0029192-1	INVOICE DATE 2015-10-29
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PAYMENT TERMS NET 1 DAY

CUSTOMER NO BP0005070	PAGE NO 2
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CUSTOMER PO VERBAL JOSE

PARTS INVOICE

POS.	SHIP	B/O	PART NUMBER / Lot ID	DESCRIPTION	WRH	PRICE	TOTAL
Mfg Code QJC							
14		8	0 0860020029 Mfg Code QCR	PLATE, RETAINER 5064	11900		
15		8	0 07025428 Mfg Code QCR	CAPSCREW, 1NC X 2 LOCK	11900		
800		1	0 QSSHT Mfg Code	QUARRY -SHIPPING & HAND			

Serial No 020151013030000001

UPS GROUND
1Z5V711F0368253351
1Z5V711F0368102764

BRANCH 11500

6285

134-3012

134-2016

PARTS	
MISC CHARGES	
SUBTOTAL SALES TAX	
INVOICE TOTAL (USD)	23,300.34

UPS #1Z7327060350088139 10/12/15 BR.10300

ACCEPTANCE: _____

DATE: _____

INVOICE NO PSO029192-1	INVOICE DATE 2015-10-29
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CUSTOMER NO BP0005070	PAGE NO 1
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PAYMENT TERMS NET 1 DAY

CUSTOMER PO VERBAL JOHN

PARTS INVOICE

INVOICE TO:

SHIP TO:

Check Number :

Order taken by :

Quarry Impactor

SALESMAN HALL, DAVID A.
SHIP VIA FEDEX PRIORITY

CONTACT NAME:

ORDER NO PSO029192 DELIVERY TERMS:

POS. SHIP	B/O	PART NUMBER / Lot ID	DESCRIPTION	WRH	PRICE	TOTAL
1	8	0 CR2704-HC25 Mfg Code QMI	5064 Imp	11900		
2	10	0 CR-2699-3-CM40 Mfg Code QMI	LINER	11900		
3	16	0 A0860020011 Mfg Code QJC	WEDGE, L	11900		
4	16	0 A0860020269 Mfg Code QJC	BRACKET	11900		
5	16	0 A0860020270 Mfg Code QJC	MASTER S	11900		
6	16	0 A0860020062 Mfg Code QJC	SHIM, 1/	11900		
7	16	0 A0860020063 Mfg Code QJC	SHIM, .1	11900		
8	16	0 A0860020064 Mfg Code QJC	SHIM, .0	11900		
9	16	0 070034 Mfg Code QJC	CAPSCREW	11900		
10	64	0 A07453004 Mfg Code QJC	COMPRESS	11900		
11	16	0 076000 Mfg Code QJC	NUT NYLO	11900		
12	20	0 U1245A2 BOLT Mfg Code QMI	1"X4" SO	11900		
13	16	0 A0860020060 Mfg Code QJC	WEDGE, U	11900		