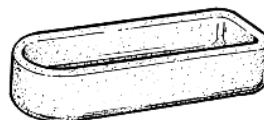
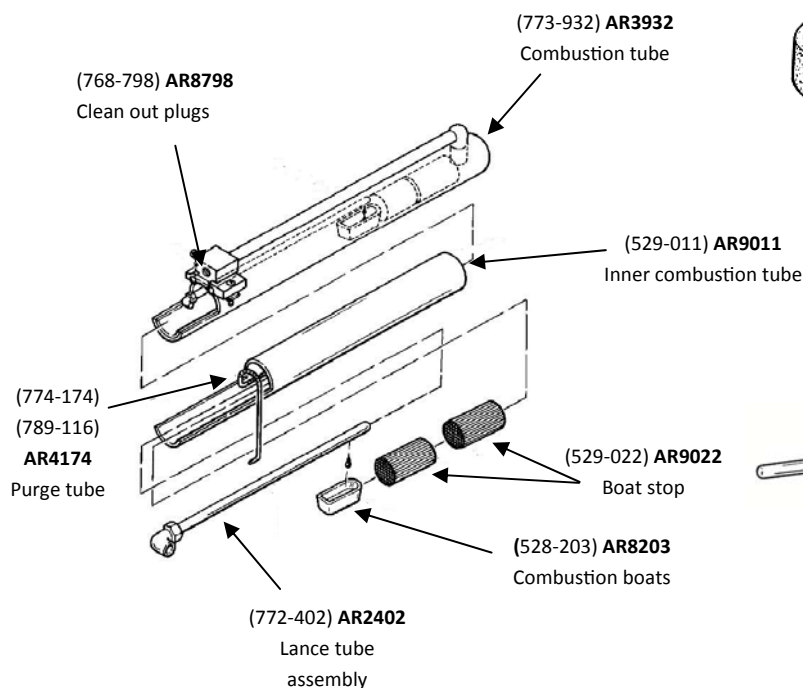


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(528-203) **AR8203**
Ceramic boats



(502-343) **AR2343**
Nickel boat liner

(776-962) (783-177)
(772-508) **AR962**
Heating elements



(774-460) **AR460** Old
(773-073) **AR7037** New
thermocouple

OPERATION ACCESSORIES

- (761-929) AR929 Crucible tongs
- (601-981) AR981 Wire brush
- (775-306) AR5306 Secondary filter
- (768-980) AR980 Particle filter
- (501-241) AR241 Vacuum grease
- (502-007) AR2198 Tube cleaner

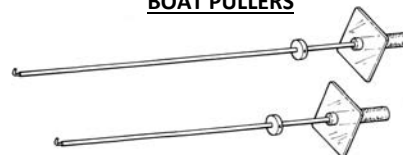
GENERAL COMBUSTION SUPPLIES

- (501-171-HAZ) AR171 Anhydrous 454g bottle
- (501-081) AR081 Glass wool 454g box
- (763-265) AR265 Glass wool 227g package
- (502-174-HAZ) AR2174 Alphasolve 500g bottle
- (768-980) AR980 Furnace particle filter
- (501-426) AR426 COMBUSTION CONTROL FOR SOLIDS 454G BOTTLE
- (501-427) AR427 Combustion control for liquids 454g bottle
- (769-608-HAZ) AR608 Antimony metal 200g bottle
- (502-321) AR321 Com-cat 250g bottle
- (529-204) AR9204 Combustion boat 500/box
- (769-610) AR610 F-CL Absorbent material 225g bottle
- (502-351) AR351 Halogen scrubber 50g bottle
- (502-343) AR2343 Nickel boat liner
- (502-301) AR2301 Tungsten trioxide powder 125g bottle
- (501-078) AR078 Iron powder accelerator 1lb
- (761-929) AR929 Boat tongs
- (501-636) AR636 Vanadium pentoxide 250g

COMBUSTION TUBES AND GLASSWARE

- (767-541) AR541 Glass reagent tube
- (773-932) AR3932 Outer combustion tube
- (529-011) AR9011 Inner combustion tube

BOAT PULLERS



(501-062) AR061 Boat puller
(616-063) AR6063 Boat puller



(502-023) **AR473**
Reagent tube glass
funnel

Alpha Resources Inc. Phone: 800-833-3083
PO 199, 3090 Johnson Rd Fax: 269-465-3629
Stevensville, MI. 49127 email:sales@alpharesources.com

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CERTIFIED REFERENCE MATERIALS

COALS AND COKES

| ALPHA# | LECO# | DESCRIPTION | %S |
|--------|-----------|-----------------------|-------|
| AR1720 | (502-433) | COAL | 0.29 |
| AR1702 | (502-433) | COAL | 0.72 |
| AR1704 | (502-435) | COAL | 1.01 |
| AR1705 | (502-436) | COAL | 1.43 |
| AR1728 | (502-437) | COAL | 2.95 |
| AR1730 | (502-438) | COAL | 5.06 |
| AR720 | (767-759) | MET COKE | 1.2 |
| AR719 | | MET COKE | 0.6 |
| AR2712 | | PET COKE | 0.4 |
| AR2715 | | PET COKE | 1.2 |
| AR2720 | | PET COKE | 4.0 |
| AR2771 | | MET COKE | .6 |
| AR744 | | PET COKE | 2.5 |
| AR756 | | PET COKE | 5.3 |
| AR1731 | | COAL | 5.5 |
| AR1732 | | COAL | 6.0 |
| AR1681 | | ULTRA LOW SULFUR COAL | 0.00 |
| AR1682 | | ULTRA LOW SULFUR COAL | 0.022 |
| AR1683 | | ULTRA LOW SULFUR COAL | 0.049 |
| AR1684 | | ULTRA LOW SULFUR COAL | 0.101 |
| AR1685 | | ULTRA LOW SULFUR COAL | 0.143 |
| AR732 | | MET COKE | 0.59 |
| AR733 | | MET COKE | 0.60 |
| AR734 | | MET COKE | 0.76 |
| AR1733 | | ANTHRACITE | 0.55 |
| AR1933 | | LIGNITE | 0.61 |

OILS AND FUELS

| ALPHA# | LECO# | DESCRIPTION | %S |
|--------|-----------|--------------------|---------|
| AR2871 | (502-424) | DIESEL OIL | 0.01 |
| AR2873 | (502-425) | DIESEL OIL | 0.03 |
| AR2875 | (502-426) | DIESEL OIL | 0.05 |
| AR2877 | (502-427) | DIESEL OIL | 0.1 |
| AR2823 | (502-428) | DIESEL OIL | 0.5 |
| AR2825 | (502-429) | DIESEL OIL | 1.0 |
| AR2827 | (502-430) | DIESEL OIL | 1.9 |
| AR2829 | (502-431) | DIESEL OIL | 3.0 |
| AR2891 | (502-389) | RESIDUAL OIL | 0.1 |
| AR2895 | (502-390) | RESIDUAL OIL | 0.5 |
| AR2814 | (502-391) | RESIDUAL OIL | 1.0 |
| AR2815 | (502-392) | RESIDUAL OIL | 2.0 |
| AR2816 | (502-393) | RESIDUAL OIL | 3.0 |
| AR2899 | (502-394) | RESIDUAL OIL | 4.5 |
| AR2835 | (502-421) | LUBE OIL | 1.0 |
| AR2839 | | LUBE OIL | 3.0 |
| AR2848 | | KEROSENE | 0.5 |
| AR2928 | | JP FUEL | 0.1 |
| AR2047 | | CRUDE OIL | 1.1 |
| AR6201 | | ULTRA LOW KEROSENE | 0.0010 |
| AR6207 | | ULTRA LOW KEROSENE | 0.0020 |
| AR6208 | | ULTRA LOW KEROSENE | 0.0030 |
| AR6209 | | ULTRA LOW KEROSENE | 0.0040 |
| AR6202 | | ULTRA LOW KEROSENE | 0.0051 |
| AR6210 | | ULTRA LOW KEROSENE | 0.00635 |

ORES, LIMESTONES AND SOILS

| ALPHA# | LECO# | DESCRIPTION | %C | %S |
|---------|-------|--------------------|-------|-------|
| AR4005 | | ORE | 1.42 | 1.41 |
| AR4006 | | ORE | 4.19 | 4.07 |
| AR4007 | | ORE | 7.27 | 3.26 |
| AR4012 | | LIMESTONE | 11.97 | 0.044 |
| AR4013 | | LIMESTONE | 2.93 | 0.020 |
| AR4014 | | LIMESTONE | 5.87 | 0.029 |
| AR4022 | | LIMESTONE | 7.00 | 0.145 |
| AR4023 | | LIMESTONE | 11.70 | 0.220 |
| AR4024 | | LIMESTONE | 11.72 | 0.418 |
| AR4015 | | SOIL | 1.18 | 0.12 |
| AR4016 | | SOIL | 2.24 | 2.08 |
| AR4017 | | SOIL | 0.50 | 0.44 |
| AR4018 | | SOIL | 0.102 | 0.100 |
| AR4020 | | COMPOSITE SOIL | 0.92 | NA |
| AR4021 | | COMPOSITE SOIL | 2.73 | NA |
| KED1023 | | BORON CARBIDE | 21.53 | |
| KED1022 | | SYNTHETIC CATALYST | 24.6 | 11.3 |
| KED1023 | | SYNTHETIC CATALYST | 14.2 | 5.7 |

CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board/ACLASS
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Alpha Resources, Inc.
3090 Johnson Road
Stevensville, MI 49127

has been assessed by ACLASS
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

CALIBRATION

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of calibrations to which this accreditation applies.

AT-1200
Certificate Number
Kesh Berman
ACLASS Approval
Certificate Valid 12/09/2011-01/04/2014
Version No. 004 Issued: 02/16/2012



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAP Communication dated January 2009).

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