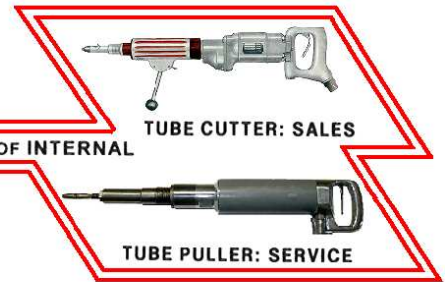




2335 HIGHWAY #34 MANASQUAN, NEW JERSEY 08736
 PHONE (732) 223-1555 FAX (732) 223-1063
 WEB SITE: <http://www.armstrongandsons.com>
 E-MAIL: sales@armstrongandsons.com

MANUFACTURERS AND ORIGINATORS OF INTERNAL



The following questionnaire is designed to provide us with adequate information on which to base our service estimate. Armstrong & Sons, Inc. supplies tube removal and replacement tooling along with technical support and tool maintenance to assist you in the removal and replacement of the defective tubes in your unit.

1. Company Name: _____
2. Address: _____
3. Location of jobsite _____
4. Starting date: _____ We will be working: Hours/shift: _____ Shifts/day _____ Days/week _____
5. Proposed date of completion _____ Number of workers per shift supplied _____
6. Manufacturer of unit: _____ Model & Type of units: _____
7. Total tubes being removed _____ No. of units _____ No. of tubes. /unit _____ / _____ / _____
8. Tube O. D. _____ Tube gauge (wall thickness) _____ Alloy _____ Length _____
9. O.D. surface of tubes is: Smooth Finned (If finned) >>> Number of fins per inch _____
10. Tube sheet thickness (inlet) _____ (discharge) _____ Tube sheet alloy _____
11. Tube sheet dimensions: Rectangular _____ by _____ or Circular dia. _____
12. Support sheets/plates (baffles): Material _____ Thickness _____ Quantity _____
13. Are tubes rolled in the support plates? No Yes (if rolled) >>> Touch roll or Seal roll
14. Method of baffle fixation: Welded to shell Hung on tie rods w. spools Floating Other
15. Method of tube to tube sheet fixation: Rolled Rolled & Loctited Rolled & Welded
16. Tube hole specs.: Smooth or Serrated (grooved) if so: >>> Quantity _____ Width _____ Depth _____
17. Water Box depth: Inlet _____ Outlet _____ Will water boxes be removed? (not just covers) No Yes
18. Are tube inlet ends flared? No Yes Flare O.D. (if known) _____ Flare radius (if known) _____
19. Tube projection beyond face of tube sheet (if flush, so state) Inlet _____ Discharge _____
20. Is the unit single or multi pass? Single Multi (if Multi), Number of tubes in each pass _____
21. Can the tubes be removed from either end? Yes No
22. If not, which end?, inlet Outlet If multipass, Piped head or Return head
23. Any obstructions to the I.D. of the tube ends? Inserts Epoxy Scale Rust Plugs Qty. _____
24. What is the tube pitch (heat exchangers only) _____ (triangular or square) _____
25. Do any tubes have their centers less than 1 1/2" from shell of water box? No Yes Quantity _____
26. Is 80-100 PSI air available? No Yes What is H.P. of your compressor? _____ (30HP minimum.)
27. Is the unit in question nuclear? No Yes If nuclear, is a Rad. Wrk. Prmt. required? No Yes
28. Would our technician require unescorted access? No Yes
29. How much schooling would be required if an unescorted badge is required? _____
30. Your bid due date _____ A & S bid due date _____
31. Do you want our "non-union" employee(s) to assist by operating Armstrong equipment? Yes No

REMARKS OR QUESTIONS:

We are interested in a quotation for the rental of the following equipment in the quantities indicated below:

Ea.	Armstrong internal tube cutters	(Cut tubes behind tube sheet)	No Tech. Required
.	Ea.	Armstrong hydraulic tube pullers	(Break tube to sheet joint) Tech. Required
.	Ea.	Armstrong power tube strippers	(Remove entire tube from unit) Tech. Required
.	Ea.	Armstrong high speed tube chopper	(Flatten and chop scrap tubes) Tech. Required
.	Ea.	Armstrong tube sheet serrator	(Groove tube sheet hole I.D.) No Tech. Required
.	Ea.	Airetool model 850 rolling motor	(Drive expander, auto cut off) No Tech. Required
.	Ea.	Cleco model P-15 torque analyzer	(Verify rolling accuracy instrument) No Tech. Required
.	Ea.	Chicago pneumatic air drill 1/2" chuck	(500 RPM power t/s hole brushes) No Tech. Required
.	Ea.	Airetool model 600D air drill 3/4" chuck	(200, 625, 1200 RPM drill plugs, etc.) No Tech. Required
.	Ea.	Cleco model BRC air hammer	(To power flaring tools) No Tech. Required
.	Ea.	Airetool model HG three ball hole gauge	(Measure tube I.D.'s. & T/S hole I.D.'s.) No Tech. Required

We are interested in a quotation on recommended expendable purchase items. Yes No Signed

X _____

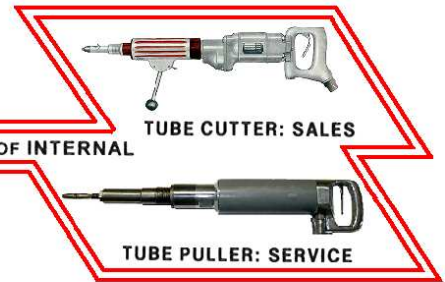
Office Ph. No.: _____ Mobile Phone No. _____ Office Fax No. _____



Rental Contract

MANUFACTURERS AND ORIGINATORS OF INTERNAL

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This document is a Contract. You should familiarize yourself with its unusual features so there will be no misunderstandings as to your obligations. The words RENTER YOU and YOURS mean the _____ Company. By your signature below you certify that you are an agent of the renter and are authorized to sign this Rental Contract for the renter (or be obligated under its terms). WE, OUR and DEALER refer to _____. This contract contains important terms and conditions, including Dealer's disclaimer from all liability for injury or damage and details of Renter's obligations for rental and other charges and responsibilities to care for and return the items rented. *They are part of this contract, read them.* All rental equipment should be considered used unless otherwise noted

1. **Physical condition of Rental item(s)**

You acknowledge that prior to using the rented item(s), you examined or will examine, or saw the item(s) in operation (if appropriate), and are aware, or will make yourself aware of the item (items') condition and that the item(s) is (are) in good condition. It is your responsibility to return the rented item(s) to Dealer in the same condition, except for ordinary wear and tear.

2. **Use of Item(s)**

You agree that you are satisfied with the written and or verbal instructions given by Dealer in the proper and safe manner of using the item(s) or that you are completely familiar with the item(s), and have told Dealer so, as a result of having rented/operated this equipment before. You further agree that the item(s) will be used only for the purpose for which the item(s) was (were) manufactured and intended. Subleasing or improper use is prohibited.

3. **Responsibility for Use.**

You and your designated employees are responsible for the use of the rented item(s). You assume all risks inherent in the operation and use of the item(s) and agree to assume the entire responsibility for the defense of, and to pay, indemnify and hold Dealer harmless from, and hereby release Dealer from, any and all claims for damage to property or bodily injury (including death) resulting from the use, operation or possession of the item(s), unless it be found that such damage or injury resulted from Dealer's negligence, or from the defective condition of the item(s). You agree that no warranties, expressed or implied, have been made in connection with this rental.

4. **Hold Harmless Clause:**

Regarding Our Employees Assisting:

We are a tooling rental company, not a contractor or an engineering firm therefore, we do not assume any liability in connection with the unit's reassembly or the projects completion if you use our employees' labor to assist you. The control of the project will be under your direction. The responsibility for the proper completion of the project will be yours. Due to the many factors affecting a good seal roll, Armstrong & Sons, Inc. does not accept responsibility for the units being properly reassembled. Therefore, by your signature below, you agree to hold Armstrong & Sons, Inc. and its employees harmless and release Armstrong & Sons, Inc. and its employees from any liability whatsoever and defend Armstrong & Sons, Inc. and its employees against any claims made by any entity in connection with the units proper reassembly or the completion of this project including damages, injury or loss of life.

5. **Responsibility for Equipment**

From the time the item(s) is (are) rented out until it (they) is(are) physically returned to our facility, you are responsible for it(them). If the item(s) is(are) lost, stolen or damaged under any circumstances while rented, regardless of fault, you shall be responsible for all charges, including costs, to replace or parts and labor to repair the item(s). If the item(s) is returned not clean, a cleaning charge will be imposed.

6. **Item(s) Failure.**

You agree immediately to discontinue the attempt to use the rented item(s) should it/they at any time become unsafe or in a state of disrepair, and will immediately (one hour or less) notify Dealer of the facts. Dealer agrees in its discretion to make the item(s) operable within a reasonable time, or provide you with a like item if available, or make a like item available at another time or adjust the rental charges. This provision does not relieve you from the obligations imposed by other Paragraphs, including 4 and 6. In all events.

7. **Return of Item(s).**

The rented item(s) is Dealer's property and is rented to you subject to this contract for rental charges and for the period of time noted on the packing list. If you desire to extend the term of this rental beyond the time and date specified on packing list under "Due in;" you must immediately notify Dealer to obtain our approval, the terms for such extension and a modification of this contract (see Paragraph 9). If this agreement has not been extended and you fail to return the item(s) when due in; Dealer, in order to enforce its property ownership of the item(s) and to protect its interest under this contract, may retake the item(s) at any time and to do so Dealer or its representatives may enter your property and you hereby waive any right of action against Dealer for such entry and retaking. In addition, you acknowledge that the failure to return rented item(s) within the contracted time and the sale or concealment of rented item(s) are prohibited, and that such action may constitute a crime, Dealer, in addition to any other action we may take, may notify the authorities and take other action, including the filing of criminal complaints, subjecting you to prosecution.

8. **Charges and Payments**

Time is money. Return the item(s) promptly, clean and in good condition. You are responsible for **rental charges** from the time the item(s) is(are) "Received by you" as specified by signature on common carrier delivery receipt or your agent's signature on our packing list acknowledging "Receipt" until it is "Tendered" to a common carrier, (i.e. United Parcel, Federal Express, Airborne, DHL etc.) for return, or returned directly to our facility by your agent, as evidenced by our receiving agent's signature on the return packing list. You may also be responsible for other charges hereunder. You and your representative, agent, or principal shall be responsible for and shall pay Dealer all charges hereunder. All charges are due according to the terms of our invoice or on demand. If the rental charges are charged to someone other than the renter, the renter represents he is the agent of such party and has the right to charge this rental, the renter nevertheless will remain liable for the charges and for the other obligations and responsibilities of the renter hereunder. If rental charges are not paid within 10 days of their due date, Dealer at its discretion may recalculate all charges on a daily rental rate basis.

9. **Collection Costs**

You agree to pay attorney fees, collection fees, court costs and any other expenses incurred in collecting any charges under this agreement, in retaking the rented item(s) or otherwise in enforcing the terms of this contract.

10. **Modification of Contract**

This paper represents our entire contract, and there are no collateral, oral or, other agreements outstanding. None of Dealer's rights may be changed and no extension of the term of this contract may be made except in writing signed by Dealer and made a part of this contract.

I have read, understood, and agree to all terms of this contract for the following referenced project: _____

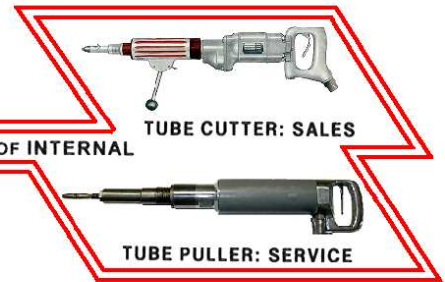
X _____ Print Name _____ Date _____

If other than renter, signer represents he is agent of and authorized to sign for the renter.



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MANUFACTURERS AND ORIGINATORS OF INTERNAL



The following checklist is:

- Designed to assist you in understanding what on site preparations are required to insure that the job will run as smoothly and efficiently as the site and unit conditions permit.
- Aid A&S to provide you with the best possible service.

We will contact you before the scheduled project commencement with the name and cell phone number of our technician so that you may give it to your mechanic.

1. Company Name: _____
2. Address: _____
3. We have issued the following order number for this project. _____
4. The location of jobsite's loading dock is: _____
5. We request Armstrong's mobilization at the above site on _____ @ _____ AM/PM
6. The name and cell phone number of our site contact is: _____
7. We will be working _____ hours/shift for _____ Shifts/day for _____ Days/week

NOTE: Armstrong suggests three men per "pulling line" to maximize productivity

8. To this end we will supply _____ workers per shift, all the while understanding that if less than three are supplied, productivity will be less than maximized.
9. Would you like our non-union personnel to assist in the operation of the Armstrong equipment?
Yes No
10. We reconfirm that the tube specifications are as follows: Tube O.D. is _____
Tube gauge (wall thickness) is _____ Alloy is _____ Length is _____
11. We reconfirm that the tube sheet thickness is (inlet) _____ (discharge) _____
The tube sheet alloy is _____
12. We reconfirm the following tube hole specification:
Smooth Serrated (grooved) Groove quantity _____
13. Will either water box be removed? (Not just covers) Inlet: Yes No or Outlet: Yes No
14. We reconfirm the following water box specs: Depth: Inlet _____ Outlet _____

NOTE: On tubes of 3/4" OD and smaller, the tube puller cannot tolerate a tube projection in excess of 7/32" without interfering with adjacent tubes. Therefore, all tubes projecting more than 7/32" must be trimmed back prior to our arrival. Please call to rent a tube-trimming tool to accomplish this task before requesting our mobilization.

15. We confirm that if the tube is 3/4" or smaller, that the projection does not exceed 7/32".

NOTE: Obstructions to the ID of the tube ends will impede the productivity of the tube cutting and tube pulling process. Therefore, all obstructions such as plugs, scale, epoxy, or inserts must be removed from the tube ends up to a depth of 3" prior to the arrival of our technician and equipment.

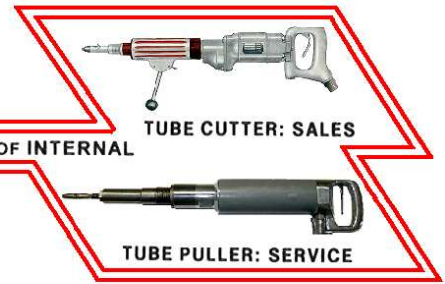
16. We confirm that all obstructions to the I.D. of the tube ends to a depth of 3" have been removed.

NOTE: Each Armstrong tube removal line will require a dedicated air source of at least 125CFM at 100PSI. This translates to a 30HP compressor unit for one line or a 60HP unit for two lines, etc.



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MANUFACTURERS AND ORIGINATORS OF INTERNAL



TUBE CUTTER: SALES

TUBE PULLER: SERVICE

17. We confirm that a dedicated air source of at least 30HP per pulling line has been wired in and is located within 50 feet of the tube sheet face.

NOTE: Our tube chopping equipment requires an electrical supply of either (230V, 20Amp, three phase) or (460V, 10 Amp, three phase) be located within 75 feet of the chopper location

18. We confirm that tube chopping will , will not be required.

19. If required, we confirm that there is an electrical source approved and available within 75' from the chopper's proposed location, and that there is an electrician available to promptly wire up the chopper.

NOTE: Inadequate lay down area for scrap, or insufficient supply of scrap barrels will adversely affect tube removal productivity. On those days that full barrels are exchanged for empty ones, tube count will be affected. One barrel will hold approx. 1300 lineal feet of scrapped 3/4 inch OD finned copper tubes. Customer to do the math for barrel requirements.

20. We confirm an adequate lay-down area for scrap, or the onsite presence of 55gal. barrels in sufficient numbers to store adequate quantities of scrap so as not to hinder the tube removal process.

NOTE: Adequate working space without obstruction is obviously required to perform the tube removal in an efficient manner this includes adequate length and headroom to remove the tubes without obstruction.

21. We confirm that there is adequate unobstructed workspace to perform the tube removal in an efficient manner. This includes the presence, on site, of sufficient scaffolding to work at height if the job so requires,

22. Would our technician require an unescorted access pass? Yes No
 If so please contact us for any pertinent personnel or vehicle information required.

Remarks and questions:

Current Office Ph. No.: _____

Current Mobile Ph. No.: _____