



Gregory L. Geist
Director

Board of County Commissioners
Clackamas County

Members of the Board:

Approval of Settlement Agreement with Atlas Copco Compressors, LLC
and the Tri-City Service District
for Blower Replacement

Purpose/Outcomes	Approval of a Settlement Agreement with Atlas Copco Compressors, LLC, which provides the Tri-City Service District with replacement blowers at no cost.
Dollar Amount and Fiscal Impact	No District funds expended under this agreement. This agreement will allow the District to reduce the cost of construction by eliminating the need for the construction contractor to purchase blowers and variable frequency drives. It's estimated the reduction will save the District up to \$1 million dollars on the blower replacement project.
Funding Source	Tri-City Service District Operating Funds. No General Funds impacted.
Duration	Ongoing obligations until terminated.
Previous Board Action/Review	None.
Strategic Plan Alignment	<ol style="list-style-type: none"> 1. This agreement supports the WES Strategic Plan to provide partner communities with reliable wastewater infrastructure to serve existing customers and support future growth. 2. This agreement supports the County's Strategic Plan of building a strong infrastructure that delivers services to customers.
Contact Person	Randy Rosane, PE, Project Manager WES, 503-742-4573
Contract No.	N/A

BACKGROUND:

In 2010, the Tri-City Service District ("District") purchased and installed eight (8) high-efficiency turbo blowers from Houston Services Industries, Inc. ("HSI") for use at the Tri-City Water Pollution Control Plant as part of the Phase I Expansion to serve the District's existing conventional activated sludge ("CAS") treatment system and the new membrane bioreactor ("MBR") treatment system constructed by Clackamas County Service District No. 1. These critical pieces of equipment move large volumes of air into the treatment process and are essential for plant operations.

These blowers were chosen because of their high efficiency ratings, and while a relatively new technology to the wastewater industry, they were utilized successfully in other industries prior to that and expected to yield significant energy savings. However, the blowers experienced problems almost immediately upon installation, leading to the District requesting and receiving a

warranty extension from April 2011 to April 2016. The blowers have continued to be unreliable since they were installed.

In December 2014, Atlas Copco Compressors, LLC (“Atlas”) purchased HSI, assuming all of its obligations. Staff attempted to work with Atlas to resolve these ongoing issues as they got up to speed on HSI products. While Atlas was more responsive, the blowers continued to fail and require frequent repair. Since these blowers have been installed, twenty-eight (28) air ends have been replaced. The average time period for the repairs took several months, and with multiple blowers out at the same time, the plant was left vulnerable to potential violations of its National Pollutant Discharge Elimination System (“NDPES”) permit.

On February 4, 2016, prior to the warranty expiration date, the Board of County Commissioners authorized the District to enter into an agreement with Stettler Supply Company to replace the blowers with proven reliable technology used throughout the industry. As the project progressed, Atlas met with the District and informed staff that Atlas was willing to take responsibility for HSI’s equipment failures and replace all of the blowers with reliable proven technology at no cost to the District, in return for a settlement and release of claims related to the original purchase of the blowers.

District staff worked with County Counsel to negotiate the terms of the proposed settlement agreement, which includes a savings of approximately \$1 million for the District, in addition to a new warranty for the blowers, a temporary blower and costs towards installation, and the option to purchase a comprehensive ten (10) year service plan at a significantly discounted rate.

This agreement has been reviewed and approved by County Counsel.

RECOMMENDATION:

District staff recommends the Board of County Commissioners of Clackamas County, acting as the governing body of the Tri-City Service District, approve the Settlement Agreement between Atlas Copco Compressors, LLC and the Tri-City Service District for Blower Replacement.

Respectfully submitted,

Greg Geist, Director
Water Environment Services

**SETTLEMENT AGREEMENT WITH ATLAS COPCO COMPRESSORS LLC
FOR REPLACEMENT BLOWERS**

This contract for materials and services (this "Contract") is entered into by and between **CLACKAMAS COUNTY SERVICE DISTRICT NO. 1** and **TRI-CITY SERVICE DISTRICT**, county service districts formed pursuant to ORS Chapter 451, hereinafter collectively referred to as **DISTRICT**, and **ATLAS COPCO COMPRESSORS LLC**, hereinafter called the **CONTRACTOR**, to provide the materials and services described below and in Attachment "A," which by this reference is hereby made a part of and incorporated herein.

RECITALS

WHEREAS, Slayden Construction Group, Inc. ("Slayden") issued a purchase order to Houston Service Industries, Inc. ("HSI") on February 12, 2010 (the "Order") for the purchase of eight (8) high efficiency blowers (the "HE Blowers") for use by the **DISTRICT**;

WHEREAS, **CONTRACTOR** assumed the obligations of HSI pursuant to the Order in December 2014;

WHEREAS, **DISTRICT** claims that the HE Blowers have not met the requirements for the HE Blowers as specified in the Order;

WHEREAS, the **DISTRICT** has worked with **CONTRACTOR** in an effort to reach a permanent solution resolving these ongoing issues with the HE Blowers, but does not believe that the issues have been resolved;

WHEREAS, **DISTRICT** thereafter began a project to replace the HE Blowers for different technology to ensure there is no lapse in the critical function they serve at **DISTRICT** facilities;

WHEREAS, **CONTRACTOR** has agreed to provide nine (9) new blowers ("New Blowers") in order to resolve the issues with the HE Blowers and all disputes between HSI, **CONTRACTOR** and **DISTRICT** relating to the HE Blowers and the Order.

The following provisions shall comprise this Contract:

I. PERFORMANCE

A. CONTRACTOR Obligations:

1. The **CONTRACTOR** agrees to provide the materials and services as described in Attachment "A." Work shall be performed in accordance with a schedule approved by the **DISTRICT**. The standard of care for services performed under this Contract by **CONTRACTOR** until the Warranty (defined below) is effective will be the care and skill ordinarily used by a competent member of **CONTRACTOR**'s profession.
2. The New Blowers shall be subject to **CONTRACTOR**'s standard warranty, a copy of which is attached as Attachment "B" (the "Warranty"). Notwithstanding

language contained therein, the Warranty shall commence upon Substantial Completion or Beneficial Use, whichever occurs first, and last for a period of 12 months.

3. The CONTRACTOR agrees to provide the DISTRICT with the option to purchase a Total Responsibility Service Plan ("Service Plan") at a 50% discount or \$50,000 per year, whichever is less, for a period of ten years. Any service agreement resulting therefrom will be separately negotiated by the parties at a future date.
4. The CONTRACTOR recognizes the need for additional engineering and construction for the design and installation of the electrical, mechanical and footprint for the temporary blower placement and will reimburse DISTRICT an amount not to exceed \$5,000 for the engineering and \$10,000 for the construction to complete the installation. The CONTRACTOR's contribution of \$15,000 shall be applied first, before any DISTRICT contribution is made.
5. Effective upon commencement of beneficial use of the New Blowers, which shall be evidenced by the execution of the acknowledgement form set forth in Attachment "C," Clackamas County Service District No. 1 and Tri-City Service District, forever and irrevocably release and discharge HSI, CONTRACTOR, their respective predecessors, successors, assigns, affiliates, divisions, insurers, and their past and present directors, officers, employees, stockholders, partners, agents, trustees, fiduciaries, attorneys, and representatives from any and all responsibility, obligation, or liability arising out of or relating to the Order and/or the HE Blowers and/or the Slayden contract generally. This release does not apply to any claims arising from the warranty provided by CONTRACTOR to the DISTRICT as set forth in paragraph 2 above and Attachment B. Nor does this release apply to any claims arising under the Total Responsibility Service Plan, if applicable, set forth in paragraph 3. Clackamas County Service District No. 1 and Tri-City Service District agree that this release shall be binding upon their respective agents, assigns, successors, trustees, directors, officers, employees, and fiduciaries. Provided that CONTRACTOR continues to materially perform under this Contract prior to the effective date of the release as set forth in this subsection, DISTRICT agrees to forbear from exercising any rights or bringing any claim in relation to the HE Blowers or the Order.

B. DISTRICT Obligations:

1. The DISTRICT agrees to make ready and load the HE Blowers on transport provided by the CONTRACTOR in exchange for the New Blowers.
2. The DISTRICT shall be responsible for the engineering and installation of the temporary blower from CONTRACTOR and CONTRACTOR shall have no responsibility for the installation or engineering except for the payments described above. DISTRICT will arrange for this work to be performed and will invoice the CONTRACTOR for reimbursement up to \$5,000 for the engineering and \$10,000 for the installation. The DISTRICT shall seek reimbursement for costs first from CONTRACTOR and shall only be responsible for engineering costs over \$5,000 and installation costs over \$10,000.

II. COMPENSATION

A. The parties each agree that the services and assets, rights and responsibilities, releases and general settlement represented by this Contract are good and sufficient consideration and inducement to enter into herein. Invoices submitted for payment in connection with this Contract shall be properly documented and shall indicate pertinent DISTRICT contract and/or purchase order numbers. All charges shall be billed monthly and will be paid net 30 days from receipt of invoice.

B. The CONTRACTOR is engaged hereby as an independent contractor and will be so deemed for purposes of the following:

1 The CONTRACTOR will be solely responsible for payment of any Federal or State taxes required as a result of this Contract.

2. This Contract is not intended to entitle the CONTRACTOR to any benefits generally granted to DISTRICT employees. Without limitation, but by way of illustration, the benefits which are not intended to be extended by this Contract to the CONTRACTOR are vacation, holiday and sick leave, other leaves with pay, tenure, medical and dental coverage, life and disability insurance, overtime, Social Security, Workers' Compensation, unemployment compensation, or retirement benefits (except insofar as benefits are otherwise required by law if the CONTRACTOR is presently a member of the Oregon Public Employees Retirement System).

3. If the CONTRACTOR has the assistance of other persons in the performance of this Contract, and the CONTRACTOR is a subject employer, the CONTRACTOR shall qualify and remain qualified for the term of this contract as an insured employer under Oregon Revised Statutes ("ORS") Chapter 656.

C. The CONTRACTOR certifies that, at present, he or she, if an individual is not a program, County, or Federal employee.

D. The CONTRACTOR, if an individual, certifies that he or she is not a member of the Oregon Public Employees Retirement System.

E. The CONTRACTOR represents and warrants that, for a period of no fewer than six calendar years preceding the effective date of this Contract, has faithfully complied with:

1. All tax laws of this state, including but not limited to ORS 305.620 and ORS chapters 316, 317, and 318;

2. Any tax provisions imposed by a political subdivision of this state that applied to CONTRACTOR, to CONTRACTOR'S property, operations, receipts, or income, or to CONTRACTOR'S performance of or compensation for any work performed by CONTRACTOR;

3. Any tax provisions imposed by a political subdivision of this state that applied to CONTRACTOR, or to goods, services, or property, whether tangible or intangible, provided by CONTRACTOR; and

4. Any rules, regulations, charter provisions, or ordinances that implemented or enforced any of the foregoing tax laws or provisions.

F. NEITHER PARTY SHALL BE LIABLE TO THE OTHER PARTY FOR ANY INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE OR EXEMPLARY DAMAGES OR LOSS, OF ANY KIND, INCLUDING, WITHOUT LIMITATION, ANY LOSS OF BUSINESS, LOST PROFITS OR INTERRUPTION OF SERVICE (EVEN IF SUCH PARTY BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR SUCH DAMAGES COULD HAVE BEEN REASONABLY FORESEEN BY SUCH PARTY). THE TOTAL LIABILITY OF CONTRACTOR UNDER THIS CONTRACT SHALL BE LIMITED TO ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000.00).

G. If a party is not able to perform or is delayed due to any cause beyond its reasonable control (including but not limited to acts of God, strike or other concerted action of workers, act or omission of any governmental authority, act of war or terrorism, act of the public enemy, embargo, delays of carriers, and/or delays by Seller's usual suppliers), the time of performance shall be extended by the amount of time reasonably sufficient to make up for such delay.

III. CONSTRAINTS

The CONTRACTOR agrees:

A. If the materials and services to be provided by CONTRACTOR pursuant to this Contract are professional and/or consultative, the CONTRACTOR shall not delegate the responsibility for providing those services to any other individual or agency.

B. Pursuant to the requirements of ORS 279B.020 and 279B.220 through 279B.235 and Article XI, Section 10, of the Oregon Constitution, the following terms and conditions are made a part of this Contract:

1. CONTRACTOR shall:

a. Make payments promptly, as due, to all persons supplying to the CONTRACTOR labor or materials for the prosecution of the work provided for in this Contract.

b. Pay all contributions or amounts due the Industrial Accident Fund from such CONTRACTOR or subcontractor incurred in the performance of this Contract.

c. Not permit any lien or claim to be filed or prosecuted against the DISTRICT on account of any labor or material furnished.

2. If the CONTRACTOR fails, neglects or refuses to make prompt payment of any claim for labor or services furnished to the CONTRACTOR or a subcontractor by any person in connection with this Contract as such claim becomes due, the proper officer representing the DISTRICT may pay such claim to the person furnishing the labor or services and charge the amount of the payment against funds due or to become due the CONTRACTOR by reason of this Contract.

3. The CONTRACTOR shall pay employees for work in accordance with ORS 279B.020 and ORS 279B.235, which is incorporated herein by this reference.

All subject employers working under the contract are either employers that will comply with ORS 656.017 or employers that are exempt under ORS 656.126.

4. In the case of contracts lawn and landscape maintenance the CONTRACTOR shall salvage, recycle, compost or mulch waste material at an approved site, if feasible and cost effective.

5. The CONTRACTOR shall promptly, as due, make payment to any person or copartnership, association or corporation furnishing medical, surgical and hospital care or other needed care and attention incident to sickness and injury to the employees of the CONTRACTOR, of all sums which the CONTRACTOR agrees to pay for such services and all moneys and sums which the CONTRACTOR collected or deducted from the wages of the CONTRACTOR'S employees pursuant to any law, contract or agreement for the purpose of providing or paying for such services.

6. This Contract is expressly subject to the debt limitation of Oregon counties set forth in Article XI, Section 10, of the Oregon Constitution, and is contingent upon funds being appropriated therefore. Any provisions herein which would conflict with law are deemed inoperative to that extent.

7. The CONTRACTOR agrees to indemnify, hold harmless and defend the DISTRICT, its officers, commissioners, agents and employees from and against all claims and actions, and all expenses incidental to the investigation and defense thereof, arising out of or based upon injuries to persons or physical property caused by the errors, omissions, fault or negligence of the CONTRACTOR or the CONTRACTOR'S employees or agents.

8. The CONTRACTOR shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the performance of the Contract.

9. In the event the CONTRACTOR encounters on the site material reasonable believed to be asbestos or polychlorinated biphenyl ("PCB") which has not been rendered harmless, the CONTRACTOR shall immediately stop work in the area affected and report the condition to the DISTRICT in writing. The work in the affected area shall not thereafter be resumed except by written agreement of the DISTRICT and CONTRACTOR if in fact

the material is asbestos or PCB and has not been rendered harmless. The work in the affected area shall be resumed in the absence of asbestos PCBs, or when it has been rendered harmless, by written agreement of the DISTRICT and CONTRACTOR. The CONTRACTOR shall not be required to perform without consent any work relating to asbestos or PCBs.

10. CONTRACTOR must, throughout the duration of this Contract and any extensions, comply with all tax laws of this state and all applicable tax laws of any political subdivision of this state. Any violation of this section shall constitute a material breach of this Contract. Further, any violation of CONTRACTOR'S warranty in this Contract that CONTRACTOR has complied with the tax laws of this state and the applicable tax laws of any political subdivision of this state also shall constitute a material breach of this Contract. Any violation shall entitle DISTRICT to terminate this Contract, to pursue and recover any and all damages that arise from the breach and the termination of this Contract pursuant to this Section 10, and to pursue any or all of the remedies available under this Contract, at law, or in equity, including but not limited to:

- a.** Termination of this Contract, in whole or in part;
- b.** Exercise of the right of setoff, and withholding of amounts otherwise due and owing to CONTRACTOR, in an amount equal to DISTRICT'S setoff right, without penalty; and
- c.** Initiation of an action or proceeding for damages, specific performance, declaratory or injunctive relief. DISTRICT shall be entitled to recover any and all direct damages suffered as the result of CONTRACTOR'S breach of this Contract..

These remedies are cumulative to the extent the remedies are not inconsistent, and DISTRICT may pursue any remedy or remedies singly, collectively, successively, or in any order whatsoever.

11. The CONTRACTOR'S failure to perform the scope of work identified or failure to meet established performance standards shall be subject to consequences that include, but are not limited to:

- a.** Reducing or withholding payment;
- b.** Requiring the CONTRACTOR to perform, at the CONTRACTOR'S expense, additional work necessary to perform the identified scope of work or meet the established performance standards; or
- c.** Declaring a default, terminating the Contract and seeking damages and other relief under the terms of the Contract or other applicable law.

12. All subject employers working under the Contract are either employers that will comply with ORS 656.017 or employers that are exempt under ORS 656.126.

IV. INSURANCE REQUIREMENTS

A. COMMERCIAL GENERAL LIABILITY

Required by DISTRICT Not required by DISTRICT

The CONTRACTOR agrees to furnish the DISTRICT evidence of commercial general liability insurance in the amount of not less than \$1,000,000 combined single limit per occurrence/\$1,000,000 / \$2,000,000 general annual aggregate for personal injury and property damage for the protection of the DISTRICT, its officers, commissioners, agents and employees against liability for damages because of personal injury, bodily injury, death or damage to property, including loss of use thereof, in any way related to this Contract. The general aggregate shall apply separately to this project / location. The DISTRICT, at its option, may require a complete copy of the above policy.

B. AUTOMOBILE LIABILITY

Required by DISTRICT Not required by DISTRICT

The CONTRACTOR agrees to furnish the DISTRICT evidence of business automobile liability insurance in the amount of not less than \$1,000,000 combined single limit for bodily injury and property damage for the protection of the DISTRICT, its officers, commissioners, agents and employees against liability for damages because of bodily injury, death or damage to property, including loss of use thereof in any way related to this Contract. The DISTRICT, at its option, may require a complete copy of the above policy.

C. PROFESSIONAL LIABILITY

Required by DISTRICT Not required by DISTRICT

CONTRACTOR agrees to furnish DISTRICT evidence of professional liability insurance in the amount of not less than \$1,000,000 combined single limit per occurrence/ \$2,000,000 general annual aggregate for malpractice or errors and omissions coverage for the protection of DISTRICT, its officers, commissioners, agents and employees against liability for damages because of personal injury, bodily injury, death, or damage to property, including loss of use thereof, and damages because of negligent acts, errors and omissions in any way related to this Contract. DISTRICT, at its option, may require a complete copy of the above policy.

D. POLLUTION LIABILITY INSURANCE

Required by DISTRICT Not required by DISTRICT

The CONTRACTOR shall obtain, at the CONTRACTOR'S expense and keep in effect during the term of the Contract, CONTRACTOR'S Pollution Liability insurance covering the CONTRACTOR'S liability for a third party bodily injury and property damage arising from pollution conditions caused by the CONTRACTOR while performing their operations under the Contract. The insurance coverage shall apply to sudden and accidental pollution events. Any coverage restriction as to time limit for discovery of a pollution incident and/or a time limit for notice to the insurer must be accepted by the DISTRICT. The insurance coverage shall also respond to cleanup cost. This coverage may be written in combination with the commercial general liability insurance or professional liability insurance. The policy's limits shall not be less than \$1,000,000 each loss / \$1,000,000 aggregate. The policy shall be endorsed to state that the general aggregate limit of liability shall apply separately to this Contract. Any self-insured retention / deductible amount shall be submitted to the DISTRICT for review and approval.

E. The certificate of insurance, other than the pollution liability insurance shall include the DISTRICT as an expressly scheduled additional insured using form CG 20-10, CG 20-37, CG 32 61 or their equivalent. A blanket endorsement or automatic endorsement is not sufficient to meet this requirement. Proof of insurance must include a copy of the endorsement showing the DISTRICT as a scheduled insured. Such insurance shall provide thirty (30) days written notice to the DISTRICT in the event of a cancellation or material change and include a statement that no act on the part of the insured shall affect the coverage afforded to the DISTRICT under this insurance. This policy(s) shall be primary insurance as respects to the DISTRICT. Any insurance or self-insurance maintained by the DISTRICT shall be excess and shall not contribute to it.

F. If the CONTRACTOR has the assistance of other persons in the performance of this contract, and the CONTRACTOR is a subject employer, the CONTRACTOR agrees to qualify and remain qualified for the term of this contract as an insured employer under ORS 656. The CONTRACTOR shall maintain employer's liability insurance with limits of \$100,000 for each accident, \$100,000 per disease for each employee, and \$500,000 each minimum policy limit.

G. If any other required liability insurance is arranged on a "claims made" basis, "tail" coverage will be required at the completion of this Contract for a duration of thirty-six (36) months or the maximum time period the CONTRACTOR'S insurer will provide "tail" coverage as subscribed, whichever is greater, or continuous "claims made" liability coverage for thirty-six (36) months following the contract completion. Continuous "claims made" coverage will be acceptable in lieu of "tail" coverage, provided its retroactive date is on or before the effective date of this Contract.

H. The insurance, other than the Workers' Compensation, Professional liability and Pollution liability insurance, shall include the DISTRICT as an additional insured. Proof of insurance must include a copy of the endorsement showing the DISTRICT as a scheduled insured.

There shall be no cancellation, material change, exhaustion of aggregate limits or intent not to renew insurance coverage without 60 days written notice by the CONTRACTOR to the DISTRICT.

This policy(s) shall be primary insurance as respects to the DISTRICT. Any insurance or self-insurance maintained by the DISTRICT shall be excess and shall not contribute to it.

I. CONTRACTOR shall require that all of its subcontractors of any tier provide insurance coverage (including additional insured provisions) and limits identical to the insurance required of the Contractor under this Contract, unless this requirement is expressly modified or waived by the DISTRICT.

V. **SUBCONTRACTS**

The CONTRACTOR shall be responsible to the DISTRICT for the actions of persons and firms performing subcontract work. The CONTRACTOR certifies that the CONTRACTOR has not discriminated and will not discriminate against any minority, women or emerging small business enterprise in obtaining any subcontract.

TERMINATION - AMENDMENT

A. In the event that either party is in default of any material provision of this Contract, the non-defaulting party may give the defaulting party written notice of the default. In the event the default is not cured within thirty (30) days after receipt of the notice, or if the default cannot be cured within that time, the non-defaulting party does not begin and then continuously pursue vigorous efforts to cure the default, the non-defaulting party may terminate this Contract for cause.

B. This Contract and any amendments to this Contract will not be effective until approved in writing by an authorized representative of the Board of County Commissioners of Clackamas County, acting as the governing body of the DISTRICT.

C. This Contract supersedes and cancels any prior contracts between the parties hereto for similar services.

[Signature Page Follows]

The CONTRACTOR agrees to perform the scope of work as described in the Contract documents and meet the performance standards set forth therein. By their signatures below, the parties to this Contract agree to the terms, conditions, and content expressed herein.

Atlas Copco Compressors LLC
15045 Lee Rd
Houston, TX 77032

Clackamas County Board of County
Commissioners Acting as the Governing Body
of Clackamas County Service District No. 1 by:

FLC / Delaware
Entity Type/State of Formation*

John Brookshire
Authorized Signature

JOHN BROOKSHIRE PRESIDENT
Name / Title (Printed)

Aug. 24, 2016
Date

803 817 2000
Telephone/Fax Number

CCB License # (if applicable)

418306-96
Oregon Business Registry #

Date

Clackamas County Board of County
Commissioners Acting as the Governing Body
of the Tri-City Service District by:

Date

Approved as to Form:

Stephen Madkour
Stephen Madkour, County Counsel

* Please do not provide assumed business names or trade names. Please provide only the correct legal name of the entity or individual entering into the Contract.

ATTACHMENT "A"



1. General

Country	
Customer	
Date of delivery	
Date of commissioning	
Date of start up	
Unit fail date	
Failed part	

2. Compressor Data

2.1 Standard

Blower type	<input type="checkbox"/> ZS <input type="checkbox"/> ZS+	Serial number	<input type="text"/>
Gear ratio	<input type="text"/>	Pressure	<input type="text"/>
Frequency	<input type="text"/>	Hz	
Supply voltage	<input type="text"/>	V	
Unit weight	<input type="text"/>	kg	
Element 1 PN (top stage)	<input type="text"/>	Serial number	<input type="text"/>
Element 2 PN (lower stage)	<input type="text"/>	Serial number	<input type="text"/>
Main Motor PN	<input type="text"/>	Serial number	<input type="text"/>
Fan motor PN	<input type="text"/>	Serial number	<input type="text"/>
Oil pump PN	<input type="text"/>	Serial number	<input type="text"/>
VSD convertor PN (ZS+)	<input type="text"/>	Serial number	<input type="text"/>
External VSD	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Brand	<input type="text"/>		
Type	<input type="text"/>		

2.2 Options

Canopy	<input type="checkbox"/>	Direct inlet air connection	<input type="checkbox"/>
VSD enabled motor	<input type="checkbox"/>	outdoor version	<input type="checkbox"/>
HAT	<input type="checkbox"/>	IB serial number	<input type="text"/>
Interface box (IB)	<input type="checkbox"/>		
External speed control (ESXPC)	<input type="checkbox"/>		

3. Check List

Date	
Inspection by	

3.2 Visual inspection

Main motor, fan motor and oil pump motor start and stop simultaneously Yes No

Bodywork

- Any signs of corrosion Yes No
- Any loose bolts Yes No
- Any damage to the bodywork Yes No
- Any presence of water Yes No

Inside canopy

- Any transport damage Yes No
- Any signs of corrosion Yes No
- Transport locking bolts easy to remove Yes No
- Any loose bolts/connections Yes No
- Any signs of oil spillage or leakage Yes No
- Oil level indication OK NOK
- Unit clean inside Yes No

Air system

- Discharge compensator installed Yes No
- Possibility to discharge into the piping network Yes No
- Possibility to discharge into the ambient Yes No
- Electrician present at commissioning Yes No
- Piping contractor present at commissioning Yes No

Electric/Elektronikon equipment

Any signs of corrosion	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Wiring in accordance with diagram	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Any loose electrical connections	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Check torque of main motor cables inside cubicle	<input type="checkbox"/> OK	<input type="checkbox"/> NOK
Electronic oil pressure switch included in starter control	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Main motor, overload correctly set	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Overload setting correctly on service diagram	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Motor winding protection (warn. 130°C - shutdown 150°C)	<input type="checkbox"/> PT1000	<input type="checkbox"/> KTY84 <input type="checkbox"/> PTC
Motor bearing protection (warn. 100°C - shutdown 110°C)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Rotation sense	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
External VSD condition/connections	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Shielded cables	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Grounding connection	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Oil pump motor, overload correctly set	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Rotation sense	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Fan motor(s)		
Rotation sense	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Transformer wire taps correctly set	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Electric diagram clear and legible	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Remarks:

4. Check List

Commissioned on	
Commissioned by	

4.1 Blower installation

Site contact person

Telephone number

Transport locking bolts removed Yes No

Compressed air application

Installation carried out by

Customer:

AC:

Environmental condition Clean Dusty Very dusty

Connection to the air net Rigid coupling Flexible coupling

Electrical connection carried out by

Customer:

AC:

External convertor connection carried out by

Customer:

AC:

Foundation ok Yes No

Blower room properly ventilated Yes No

Air intake quality ok Yes No

Air header ok Yes No

Any other compressor(s) or blower in the same room Yes:

No

Inlet and/or outlet ducting used Yes No

Receiver installed Yes:

No

Remarks:

4.2 Blower data

Measurements

running / load hours	<input type="text"/>	h	<input type="text"/>	h		
Motor starts (ZS+)	<input type="text"/>	Qty				
VSD 1-20 % (ZS+)	<input type="text"/>	%				
VSD 20-40 % (ZS+)	<input type="text"/>	%				
VSD 40-60 % (ZS+)	<input type="text"/>	%				
VSD 60-80 % (ZS+)	<input type="text"/>	%				
Accumulated volume	<input type="text"/>	m ³				
Module hours	<input type="text"/>	h				
Ambient pressure	P0	<input type="text"/>	bar	P0	<input type="text"/>	psi
Air filter temperature in	T0	<input type="text"/>	°C	T0	<input type="text"/>	°F
ΔP airfilter	Dp	<input type="text"/>	bar	Dp	<input type="text"/>	psi
LP element n° 1 air outlet	T1	<input type="text"/>	°C	T1	<input type="text"/>	°F
LP element n° 2 air outlet (twin)	T2	<input type="text"/>	°C	T2	<input type="text"/>	°F
Air outlet pressure	P1	<input type="text"/>	bar	P1	<input type="text"/>	psi
Oil temperature before oil pump	T3	<input type="text"/>	°C	T3	<input type="text"/>	°C
Oil temperature cooler 1 in	T4	<input type="text"/>	°C	T4	<input type="text"/>	°F
Oil temperature cooler 2 in	T5	<input type="text"/>	°C	T5	<input type="text"/>	°F
Oil temperature cooler 2 out (twin)	T6	<input type="text"/>	°C	T6	<input type="text"/>	°F
Oil injection temperature	T7	<input type="text"/>	°C	T7	<input type="text"/>	°F
Oil pressure	P1	<input type="text"/>	bar	P1	<input type="text"/>	psi
Electrical cubicle (ZS+)	T8	<input type="text"/>	°C	T8	<input type="text"/>	°F
Convertor cabinet (ZS+)	T9	<input type="text"/>	°C	T9	<input type="text"/>	°F
Air filter service interval	<input type="text"/>	hrs				
Oil and oil filter change interval	<input type="text"/>	hrs				
Recommended Atlas Copco service inspection interval	<input type="text"/>	hrs				
Used oil	<input type="text"/>					

4.3 Motor data

Brand	<input type="text"/>
Type	<input type="text"/>
Serial number	<input type="text"/>
AC Part number	<input type="text"/>
Voltage	<input type="text"/> V
Rated current	<input type="text"/> A
Speed	<input type="text"/> rpm
Mains fuse capacity	<input type="text"/> A
Greasing interval	<input type="text"/> hrs
Quantity of grease par bearing	<input type="text"/> g
	<input type="text"/> g
Air path cleaning interval	<input type="text"/> hrs
Grease used	<input type="checkbox"/> Roto glide blue
	<input type="checkbox"/> Roto glide beige
	<input type="checkbox"/> Other <input type="text"/>

4.4 Cubicle data

Type	<input type="text"/>	
Serial number	<input type="text"/>	
Service Diagram number	<input type="text"/>	
Control voltage	<input type="text"/>	V
Frequency	<input type="text"/>	Hz
Supply voltage	<input type="text"/>	V
Rated current	<input type="text"/>	A

4.5 Operation

Verify direction rotation main motor and stop the compressor

Check for element back rotation during normal stop	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Check for oil leakage	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Check for air leakage	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK

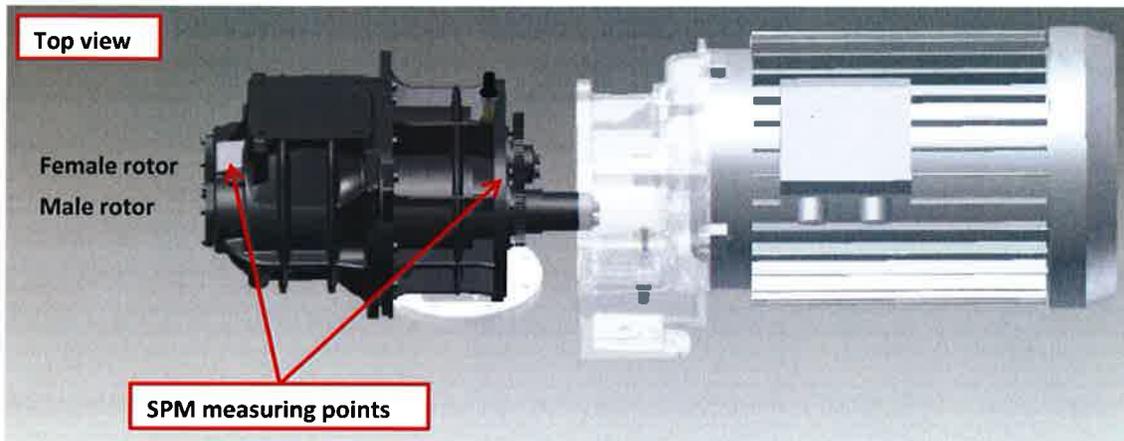
Remarks:

4.6 Oil leakage check

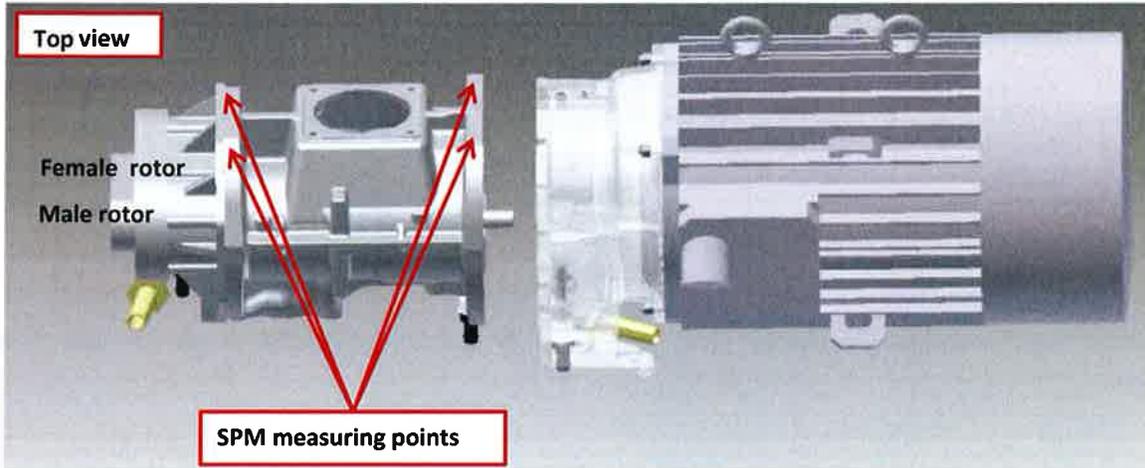
Oil connection oil sump	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil pump in	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil pump out	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil cooler (1) in connection	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil cooler (1) out connection	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil cooler (2) in connection	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil cooler (2) out connection	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil filter in connection connection	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil filter outlet connection	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil manifold connections	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Element oil nozzle connections	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil drain connection gearbox	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil drain connection oil sump	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil drain valve on oil sump	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil cooler 1 (ZS twin)	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Oil cooler 2 (ZS twin)	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Element 1 vent holes				
Male DE side	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Male NDE side	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Female DE side	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Female NDE side	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Element 2 vent holes				
Male DE side	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Male NDE side	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Female DE side	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK
Female NDE side	<input type="checkbox"/>	OK	<input type="checkbox"/>	Not OK

5. SPM Measurement

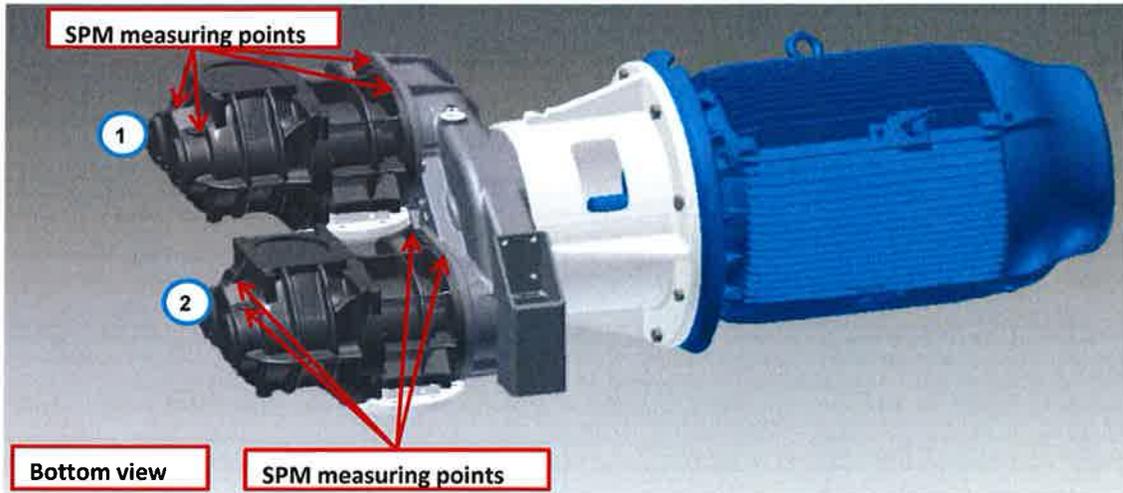
5.1 ZS 18-30



5.2 ZS 37-55



5.3 ZS 90-132



5.4 Element(s) SPM measurement

	Stage 1					
DE male	dBc	<input type="text"/>	dB	dBm	<input type="text"/>	dB
NDE male	dBc	<input type="text"/>	dB	dBm	<input type="text"/>	dB
DE female	dBc	<input type="text"/>	dB	dBm	<input type="text"/>	dB
NDE female	dBc	<input type="text"/>	dB	dBm	<input type="text"/>	dB

Motor DE

dBc dB

dBm dB

Motor NDE

dBc dB

dBm dB

Stage 2

DE male

dBc dB

dBm dB

NDE male

dBc dB

dBm dB

DE female

dBc dB

dBm dB

NDE female

dBc dB

dBm dB

Motor DE

dBc dB

dBm dB

Motor NDE

dBc dB

dBm dB

Remarks:

Section not applicable to Tri City Blowers

6. External VSD data

6.1 ZS units connected to external frequency drive

See "ZS data for configuration external VSD" available on GBP

Brand	<input type="text"/>
Type	<input type="text"/>
Minimum speed reference limit	<input type="text"/>
maximum speed reference limit	<input type="text"/>
Inverter application	<input type="text"/>
Control mode	<input type="text"/>
FWD / REV selection	<input type="text"/>
Acceleration time	<input type="text"/>
Deceleration time	<input type="text"/>
Motor type	<input type="text"/>
Motor rated speed	<input type="text"/>
Motor rated Eff.*	<input type="text"/>
Motor rated voltage*	<input type="text"/>
Motor rated current*	<input type="text"/>
Motor rated frequency*	<input type="text"/>
Minimum frequency	<input type="text"/>
Maximum frequency	<input type="text"/>
Motor rated torque*	<input type="text"/>
Motor service factor	<input type="text"/>
Motor rated power*	<input type="text"/>
Switching frequency	<input type="text"/>
Actions taken to eliminate bearing currents	<input type="text"/>

* To define the motor rated values Atlas Copco advise to use the VSD self-tuning function. If this function is not available on the VSD, the motor settings need to be filled in manually, according to this instruction. See Motor Data.

7. Remarks

Not OK for:	Description:	Remarks:
	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	

Approvals (as required)

Atlas Copco Technician: _____ Date: __/__/__

Engineer: _____ Date: __/__/__

Owner: _____ Date: __/__/__



COMMISSIONING REPORT ZB

➤ General information

Country:	
Customer:	
Delivery date:	
Commissioning Date:	

➤ Unit information

ZB Type:	ZB
Serial number unit:	
Serial number Bearing control:	
Serial number Module:	

➤ Options

Aftercooler:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Communication interface:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Serial number:		

➤ Environmental conditions

Ducting:	
Ambient temperature:	
Room Ventilation:	
Air intake pollution:	

➤ Low Voltage control cubicle

PN Cubicle:		Overload setting control:	Q1	A
SN Cubicle:		Overload setting fans:	Q2	A
Voltage:		Overload setting waterpump:	Q25	A

➤ Compressor settings

Regulation – Compressor motor			
Setpoint 1	bar	Proportional band	%



Setpoint 2	bar	Integration time	s
Indirect stop level	bar	Minimum speed	rpm
Direct stop level	bar	Max. speed reduction	%

➤ **Valve Tuning**

BOV settings	
Proportional Band:	%
Integration time:	s
Travel time:	s
Minimum position closed:	%

WCV settings	
Proportional Band:	%
Integration time:	s
Travel time:	s
Minimum position closed:	%

➤ **Warning + shutdown settings (default)**

	WARNING	SHUTDOWN	SERVICE	Delay at start	Delay at signal
Compressor out:	2 bar	2 bar			
Dp Airfilter:			-0.044		60 s
Element out:	195 °C	200 °C			
Internal coolwater					
High level:	35 °C	38 °C		40s	at start
Low level:	25 °C	23 °C			
Winding U:	110	115			
Winding V:	110	115			
Winding W:	110	115			
Atmospheric pressure:		1100			

➤ **Remarks on compressor unit**

Remarks:



➤ **Remarks on installation**

Remarks:

Approvals (as required)

Atlas Copco Technician: _____ Date: __/__/__

Engineer: _____ Date: __/__/__

Owner: _____ Date: __/__/__

ATTACHMENT "B"



New Product Warranty

Atlas Copco warrants to the Purchaser that all stationary compressors, portable compressors, compressed air dryers, Atlas Copco-designed compressor parts and other Products manufactured by Atlas Copco and affiliates shall be free of defects in design, material and workmanship for a period of fifteen (15) months from date of shipment to Purchaser, or twelve (12) months from date of substantial completion or beneficial use, whichever occurs first, except as set forth below or in the New Products Warranty attached hereto.

Should any failure to conform with this warranty appear prior to or after shipment of the Product to Purchaser during the specified periods under normal and proper use and provided the Product has been properly stored, installed, handled and maintained by the Purchaser, Atlas Copco shall, if given prompt notice by Purchaser, repair or replace, the non-conforming Product or authorize repair or replacement by the Purchaser at Atlas Copco's expense.

Replaced Products become the property of Atlas Copco.

Atlas Copco warrants Products or parts thereof repaired or replaced pursuant to the above warranty under normal and proper use, storage, handling, installation, and maintenance, against defects in design, workmanship and material for a period of thirty (30) days from date of start-up of such repaired or replaced Products or parts thereof or the expiration of the original Product warranty, whichever is longer.

When the nature of the defect is such that it is appropriate in the judgment of Atlas Copco to do so, repairs will be made at the site of the Product. Repair or replacement under applicable warranty shall be made at no charge for replacement parts, F.O.B. Atlas Copco Warehouse, warranty labor, serviceman transportation and living costs, when work is performed during normal working hours (8 a.m. to 4:30 p.m. Monday through Friday, exclusive of holidays). Labor performed at other times will be billed at the overtime rate then prevailing for services of Atlas Copco personnel.

The Atlas Copco warranty does not extend to Products not manufactured by Atlas Copco or affiliates. As to such Products, Purchaser shall be entitled to proceed only upon the terms of that particular manufacturer's warranty. The Atlas Copco warranty does not apply to defects in material provided by Purchaser or to design stipulated by Purchaser.

Used Products, Products not manufactured by Atlas Copco or affiliates and Products excluded from the above warranties are sold AS IS with no representation or warranty, and ALL WARRANTIES OF QUALITY, WRITTEN, ORAL, OR IMPLIED, other than may be expressly agreed to by Atlas Copco in writing, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY OR FITNESS, ARE HEREBY DISCLAIMED.

Any services performed by Atlas Copco in connection with the sale, installation, servicing or repair of a Product are warranted to be performed in a workmanlike manner. If any nonconformity with this warranty appears within 45 days after the services are performed, the exclusive obligation of Atlas Copco shall be to re-perform the services in a conforming manner.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY, WRITTEN, ORAL OR IMPLIED, AND ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS ARE HEREBY DISCLAIMED. Correction of nonconformities as provided above shall be Purchaser's exclusive remedy and shall constitute fulfillment of all liabilities of Atlas Copco (including any liability for direct, indirect, special, incidental or consequential damage) whether in warranty, strict liability, contract, tort, negligence, or otherwise with respect to the quality of or any defect in Products or associated services delivered or performed hereunder.



ATTACHMENT "C"

CERTIFICATE OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/24/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Marsh USA, Inc. 1166 Avenue of the Americas New York, NY 10036 Attn: AtlasCopco.CertRequest@marsh.com		CONTACT NAME:	
02973 -COMPR-GAWPX-16-17 N/A YES ComLL		PHONE (A/C, No, Ext):	FAX (A/C, No):
INSURED ATLAS COPCO COMPRESSORS LLC 1800 OVERVIEW DRIVE ROCK HILL, SC 29730		E-MAIL ADDRESS:	
INSURER(S) AFFORDING COVERAGE			NAIC #
INSURER A : Liberty Mutual Fire Insurance Company			23035
INSURER B : LM Insurance Corporation			33600
INSURER C : N/A			N/A
INSURER D : N/A			N/A
INSURER E :			
INSURER F :			

COVERAGES **CERTIFICATE NUMBER:** NYC-008540026-01 **REVISION NUMBER:** 5

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			TB-631-004250-276	06/01/2016	06/01/2017	EACH OCCURRENCE \$ 5,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 5,000,000 GENERAL AGGREGATE \$ 5,000,000 PRODUCTS - COMP/OP AGG \$ 5,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			AS2-631-004250-026	06/01/2016	06/01/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			WA5-63D-004250-016 (AOS) WC5-631-004250-306 (OR, WI)	06/01/2016 06/01/2016	06/01/2017 06/01/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
TRI CITY SERVICE DISTRICT AND CLACKAMAS COUNTY SERVICE DISTRICT #1, ITS OFFICERS, COMMISSIONERS, AGENTS, AND EMPLOYEES ARE INCLUDED AS ADDITIONAL INSURED (EXCEPT WORKERS' COMPENSATION) WHERE REQUIRED BY WRITTEN CONTRACT AS RESPECTS AGREEMENT WITH THE NAMED INSURED. THIS INSURANCE IS PRIMARY AND NON-CONTRIBUTORY OVER ANY EXISTING INSURANCE AND LIMITED TO LIABILITY ARISING OUT OF THE OPERATIONS OF THE NAMED INSURED AND WHERE REQUIRED BY WRITTEN CONTRACT.

CERTIFICATE HOLDER TRI CITY SERVICE DISTRICT AND CLACKAMAS COUNTY SERVICE DISTRICT #1 150 BEAVER CREEK ROAD OREGON CITY, OR 97045	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE of Marsh USA Inc. Christopher Healy
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ADDITIONAL REMARKS SCHEDULE

AGENCY Marsh USA, Inc.		NAMED INSURED ATLAS COPCO COMPRESSORS LLC 1800 OVERVIEW DRIVE ROCK HILL, SC 29730	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 **FORM TITLE:** Certificate of Liability Insurance

Umbrella Liability
 Policy No.:150501-0030
 Insurer: Industria Insurance Company Ltd.
 Effective Dates: 06/01/2016 - 06/01/2017
 Limits:
 \$20,000,000 Per Occurrence
 \$20,000,000 Policy Aggregate
 Applies in excess of the locally admitted US excess liability policies and on a DIC/DIL basis when primary coverage may not apply.

Professional Liability
 Policy No: 150501-0030
 Insurer: Industria Insurance Company Ltd.
 Effective Dates: 6/1/2016 - 6/1/2017
 Limit: \$5,000,000