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Compressed Air/Vacuum Connections

5.4
Submit in duplicate
Page 1 of 2

Closing date: 4 July 2008

Exhibitor
Street/P.O.Box
Country, Town, Postcode

Event: ESC Congress 2008	
Date: 30 August – 3 September 2008	
Hall Stand no.	
Contact	
Phone with area code and ext.	Fax with area code and ext.
E-mail	

We hereby order – in the name and on behalf of the above-named exhibitor – subject to the terms of connection and supply of compressed air quoted on page 2:

1. Compressed air connection incl. one appliance take-off point

- ☐ Total compressed air requirement of _____ l/min each at 10 bar delivery pressure
- ☐ _____ compressed air connection(s) of _____ l/min each at 10 bar delivery pressure
(Please include sketch map on form 5.5!)
- ☐ _____ pressure-reducing valve(s) for compressed air main connection, incl. manometer for output pressure of 0.5 - 10 bar
- ☐ We need the compressed air supply from _____ (date)

2. Additional appliance take-off points (transfer point compressed air feed line)

- ☐ _____ appliance take-off point(s) on the stand acc. to compressed air connection ordered, **excluding compressed air pipe**

3. Machine connection

- ☐ _____ machine connection(s) on the stand acc. to compressed air connection ordered, **excluding compressed air pipe**

4. Vacuum connection

- ☐ Please submit an offer to us for the provision of a vacuum connection. We would need _____ l/min.

The compressed air pipes needed for 2. and 3. will be charged separately according to dimensions.

We are laying a platform on our stand ☐ yes ☐ no

Additions:

The compressed air supply is available during the stand set-up period for two days before the start of the fair and for one day after the fair has ended (from 8.00 to 19.00). If the compressed air supply is needed earlier, any additional charges will be based on the compressed air requirement in l/min. Installation of the main compressed air connection is carried out using **one** installation channel.

Usage of neighbouring channels for internal stand installation or secondary installations is not included in connection price and will be invoiced separately depending on time involved. During the fair the compressed air will be available for about 1 hour before and after the opening times.

Please note:

A surcharge (item no. 36951) amounting to EUR 42.50 will be raised for any orders submitted later than 2 weeks prior to start of the official set-up.

Place, date
Company stamp and legally binding signature of exhibitor

Terms of supply and connection for compressed air/vacuum:

1. Exhibitors using their own compressor must notify the Technical Exhibition Services Division. Please note that the halls are not equipped with permanent connections for compressed air. Orders for compressed air connections must be made with forms 5.4 and 5.5. The order and ground plan/plans must be submitted to the **Technical Exhibition Services Division** of Messe München GmbH no later than the date specified in the Exhibitors' Service Booklet. No guarantee can be given that connections applied for after this date will be installed on time. **A surcharge (item no. 36951) amounting to EUR 42.50 will be raised for any late orders submitted later than 2 weeks prior to start of the official set-up.** In the event of repair work on equipment not installed by Messe München GmbH a surcharge will be added to the standard hourly rate.

2. Messe München GmbH reserves the right to install the compressor for the compressed air supply on the stand or in the immediate vicinity of the stand (if only a limited supply of compressed air is required, for instance). No objects may be raised on account of, for instance, noise disturbance caused by the compressor. The compressors are operated at a pressure of 10 bar. Insofar as a lower pressure level is required, a pressure-reducing valve must be installed and needs to be ordered separately. Compressed air connections up to 60 bar or nitrogen systems can also be ordered, for either of which, however, a separate quote must be obtained.

3. The list of dimensions and tolerances supplied to the exhibitor or ordering party must be checked, countersigned and returned as soon as possible. This list is also used subsequently for invoicing purposes. Any complaints concerning the products or services provided must be addressed to Messe München GmbH, Technical Exhibition Services Division before the stand is dismantled so that a proper inspection can be carried out. Subsequent complaints about the products or services provided will not be admitted.

4. If an order is cancelled less than 14 days prior to the start of the trade fair or exhibition the ordering party shall be required to pay a lump sum amounting to 75% of the costs of the ordered services. The exhibitor shall still have the right to provide proof that such an amount is in excess of the saving in outlay accruing to MMG.

5. Prices include the following services depending on the item number:

Total compressed air requirement, basic installation

Provision, installation and dismantling of the equipment (compressors, compressed air tanks, refrigerating dryer), laying the compressed air pipes to the connection point at the stand incl. one appliance take-off point, servicing of this installed equipment and the power supply for the equipment supplied by MMG. Installation of the main compressed air connection is carried out using **one** installation channel. Usage of neighbouring channels for internal stand installation or secondary installations is not included in connection price and will be invoiced separately depending on time involved.

Additional appliance take-off points at the stand

Connection to the basic connection, fittings, hardware, servicing of this installed equipment and installation, dismantling. **Excluding compressed air pipes** (piping will be charged separately according to length). The size of the appliance take-off point will be based on the total connection capacity in l/min.

Machine connection at the stand

Connection to the basic connection or load take-off point, fittings, hardware, servicing of this installed equipment and installation, dismantling. **Excluding compressed air pipes** (piping will be charged separately according to length).

The size of the machine connection will be based on the total connection capacity in l/min of the machine to be connected.

Pressure-reducing valve

Installation and rental of a pressure-reducing valve incl. manometer for take-off pressure of 0.5 - 10 bar.

6. The quality of the compressed air at the point of transition from the compressor station into Messe München GmbH's piping network meets the following classification in accordance with ISO 8573-1:

Oil content	Class 1 = max. oil concentration of 0.01 mg/m ³
Solid matter content	Class 1 = max. particle size of 0.1 µm / max. particle density of 0.1 mg/m ³
Water content	Class 4 = dew point pressure ≤ +3 °C

7. Prices

Item No.	Total compressed air requirement/connection incl. one appliance take-off point	Basic installation
36001	up to 100 l/min	EUR 327.70
36002	up to 200 l/min	EUR 420.25
36003	up to 300 l/min	EUR 530.55
36004	up to 450 l/min	EUR 639.80
36005	up to 600 l/min	EUR 1.031.95
36006	up to 800 l/min	EUR 1.258.75
36007	up to 1000 l/min	EUR 1.310.80
36008	up to 1500 l/min	EUR 1.565.65
36009	up to 2000 l/min	EUR 1.608.50
36010	up to 2500 l/min	EUR 1.723.40
36011	up to 3000 l/min	EUR 1.865.85
36012	up to 4000 l/min	EUR 2.001.70
36013	up to 5000 l/min	EUR 2.144.65
36014	up to 6000 l/min	EUR 2.475.50
36015	up to 8000 l/min	EUR 2.652.30
36016	up to 10000 l/min	EUR 3.161.10
36017	up to 15000 l/min	EUR 5.304.45
36090	Standard hourly rate for all other work	EUR 42.50

Item No.	Appliance take-off points at the stand/each	
36200	up to 100 l/min	EUR 2.80
36201	up to 200 l/min	EUR 4.85
36202	up to 600 l/min	EUR 6.95
36203	up to 2500 l/min	EUR 7.45
36204	up to 5000 l/min	EUR 9.15
36205	up to 8000 l/min	EUR 11.65

Item No.	Machine connections at the stand/each	
36300	up to 100 l/min	EUR 22.15
36301	up to 200 l/min	EUR 25.90
36302	up to 600 l/min	EUR 30.70
36303	up to 2500 l/min	EUR 34.85
36304	up to 5000 l/min	EUR 50.45
36305	up to 8000 l/min	EUR 64.00

Item No.	Compressed air pipes/m	
36100	Ø 6 mm	EUR 2.65
36101	Ø 8 mm	EUR 2.75
36102	Ø 9 mm	EUR 2.80
36103	Ø 13 mm	EUR 2.90
36104	Ø 19 mm	EUR 3.10
36105	Ø 25 mm	EUR 3.40
36106	Ø 40 mm	EUR 7.30
36107	Ø 50 mm	EUR 9.25

Item No.	Pressure-reducing valves/each	
36400	up to 100 l/min	EUR 26.95
36401	up to 200 l/min	EUR 28.20
36402	up to 600 l/min	EUR 33.20
36403	up to 2500 l/min	EUR 40.35
36404	up to 5000 l/min	EUR 57.30
36405	up to 8000 l/min	EUR 67.50

8. The General Terms of Contract for Exhibitor Services of Messe München GmbH shall apply additionally.