# Content Overview

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<tr>
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<td>History</td>
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<td>Products</td>
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<td><strong>6</strong></td>
<td>SCM</td>
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MAN in Zurich | Safety Briefing
Zurich: Emergency Exits & Meeting Points
## Content Overview

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**Was ist vorgefallen**
- Dünne Hochdruck Rohre könnten leicht fallen.

**Ursache**
- In unserem Rohrlager wurden Hochdruck Rohre gefunden die sehr dünn sind und daher keinen guten Stand haben.

**Folgen**
- Keine

**Verhindert werden konnten**
- Personen- und Sachschaden

**Sofortmassnahmen**
- Es wurden Spanset angebracht um den möglichen Sturz auffangen zu können.

**Definitive Massnahmen**
- Zu einem späteren Zeitpunkt werden die dünnen Rohre in einen anderen Lagerort verlagert, dort können Sie dann Horizontal liegen und werden mit einem Dorn vor dem Fall zurück gehalten.
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Markets

- Oil & Gas Upstream
- Oil & Gas Midstream
- Industrial Gases

MAN | PrimeServ
## Content Overview

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Volkswagen Group
12 brands

VOLKSWAGEN FINANCIAL SERVICES AKTIENGESELLSCHAFT
The MAN Group in 2015: €13.7 billion revenue, 55,030 employees
Company Logo History
Future Needs The Past
MAN in Zurich, Switzerland
MAN Diesel & Turbo Schweiz AG
MAN in Zurich, Switzerland
MAN Diesel & Turbo Schweiz AG

Employees (31.12.2016): 750

Products
- Isotherm Compressors
- Centrifugal Compressors
- Axial Compressors
- MOPICO® HOFIM™
- TURBAIR® Vacuum Syst.
- PrimeServ - After Sales Service

MAN in Zurich, Switzerland, Switzerland
MAN Diesel & Turbo Schweiz AG
## Content Overview

1. **Safety Briefing**
2. **Safety Moment**
3. **Facts & Figures**
4. **History**
5. **Products**
6. **Experience**
MAN in Zürich | Produkte
Unique Zurich Products

BARREL
- Work Horse
- Most reliable
- Very competitive

HOFIM
- State of the art
- Only product with running references
- For gas storage, upstream and subsea

RIKT
- Unique solution
- Benchmark for AS

We distinguish ourselves by unique products and are well positioned for growth.
# Products

**Products**

<table>
<thead>
<tr>
<th>Axial Compressor</th>
<th>Centrifugal Compressor (RB)</th>
<th>TURBAIR® Vacuum Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.jpg" alt="Axial Compressor" /></td>
<td><img src="image2.jpg" alt="Centrifugal Compressor (RB)" /></td>
<td><img src="image3.jpg" alt="TURBAIR® Vacuum Systems" /></td>
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<table>
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<tr>
<th>Isotherm Compressor</th>
<th>HOFIM™ High-Speed Integrated Motor</th>
<th>MOPICO® Motor Pipeline Compressor</th>
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<tbody>
<tr>
<td><img src="image4.jpg" alt="Isotherm Compressor" /></td>
<td><img src="image5.jpg" alt="HOFIM™ High-Speed Integrated Motor" /></td>
<td><img src="image6.jpg" alt="MOPICO® Motor Pipeline Compressor" /></td>
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MAN in Zurich | Products

Products

Axial Compressor

Centrifugal Compressor (RB)

TURBAIR® Vacuum Systems

Isotherm Compressor

HOFIM™ High-Speed Integrated Motor

MOPICO® Motor Pipeline Compressor
MAN in Zurich | Testbed
Infrastructure & Team
MAN in Zurich | Testbed Portfolio
Compressor Testing

Standardized RB tests  Axial compressors  HOFIM™/ MOPICO®  Isotherm RIKT

Complete unit test: motor, compressor, oil system, transformer, VFD, UCP
MAN Competences (Example)

HOFIM™ / MOPICO®

MECOS Competences

Bearings | Controls | Sensors
MAN Diesel & Turbo
Comprehensive Applications in Diverse Industry Areas
MAN in Zurich | Oil & Gas Upstream

Products

Energy from the deep sea

FPSO vessel equipped with MAN compressor trains
Åsgard Subsea Compression
General Project Information

Facts:
- 2 x 11.5 MW subsea compression
- 40 km step out (power supply)
- Production 21 Million Sm³/day
- 3500 tons

260 m below sea level
Subsea compression facility

75m
45m
25m

Asgard Subsea Compression
Company Presentation – Standard kurz
# Content overview

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High-speed Compression Demonstration:
from the very first HOFIM™ to the latest development – the first HOFIM™ for offshore installation
TurboForum:
Leading experts of the Oil & Gas Industry meet in Zurich to hear and discuss MAN’s recent developments and technology vision.
Tradition meets Technology:

Celebrating 100 Years of successful Isotherm Compressors from Zurich.
The future always needs roots to rely on!

One of the highlights was the exposition around historical milestones and the latest developments.
All data provided in this document is non-binding. This data serves informational purposes only and is especially not guaranteed in any way. Depending on the subsequent specific individual projects, the relevant data may be subject to changes and will be assessed and determined individually for each project. This will depend on the particular characteristics of each individual project, especially specific site and operational conditions.
Do you have questions?

Engineering the Future – since 1758.