Number of certified sites against ISO/TS 16949 (and IATF 16949)

Data as of 31 August 2017
Global distribution of ISO/TS 16949 (and IATF 16949) certified sites

- **AFRICA**
  - 523 Certificates (0.8%)
  - Brazil 1,176

- **ASIA PACIFIC**
  - 46,815 Certificates (68.2%)
  - China 30,255
  - India 5,338
  - Rep. of Korea 5,337
  - Thailand 1,552
  - Japan 1,531
  - Taiwan/ROC 1,404
  - Malaysia 533

- **EUROPE**
  - 11,655 Certificates (17.0%)
  - Germany 3,326
  - Italy 1,402
  - France 997
  - Spain 958
  - Czech Republic 744
  - Poland 668
  - United Kingdom 644

- **MIDDLE EAST**
  - 1,788 Certificates (2.6%)
  - Turkey 978
  - Iran 760

- **NORTH AMERICA**
  - 6,324 Certificates (9.2%)
  - United States 4,169
  - Mexico 1,640
  - Canada 508

- **SOUTH AMERICA**
  - 1,515 Certificates (2.2%)
  - Brazil 1,176

Changes in 12 month interval:

- Africa: + 1.3%
- Asia Pacific: + 8.0%
- Europe: + 0.3%
- Middle East: + 3.9%
- North America: - 0.5%
- South America: - 3.3%
- TOTAL: + 9.7%
### TOP 10 countries - ISO/TS 16949 (and IATF 16949) certified sites

<table>
<thead>
<tr>
<th>Country</th>
<th>2016</th>
<th>2017</th>
<th>Delta</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>27.998</td>
<td>30.255</td>
<td>8,1%</td>
</tr>
<tr>
<td>India</td>
<td>5.222</td>
<td>5.338</td>
<td>2,2%</td>
</tr>
<tr>
<td>Rep. of Korea</td>
<td>5.275</td>
<td>5.337</td>
<td>1,2%</td>
</tr>
<tr>
<td>United States</td>
<td>4.333</td>
<td>4.169</td>
<td>-3,8%</td>
</tr>
<tr>
<td>Germany</td>
<td>3.479</td>
<td>3.326</td>
<td>-4,4%</td>
</tr>
<tr>
<td>Mexico</td>
<td>1.542</td>
<td>1.640</td>
<td>6,4%</td>
</tr>
<tr>
<td>Thailand</td>
<td>1.520</td>
<td>1.552</td>
<td>2,1%</td>
</tr>
<tr>
<td>Japan</td>
<td>1.512</td>
<td>1.531</td>
<td>1,3%</td>
</tr>
<tr>
<td>Taiwan/ROC</td>
<td>1.381</td>
<td>1.402</td>
<td>1,5%</td>
</tr>
<tr>
<td>Italy</td>
<td>1.399</td>
<td>1.367</td>
<td>-2,3%</td>
</tr>
</tbody>
</table>
The IATF modified the minimum candidate requirements to support the efforts of IATF-recognized CBs to recruit new auditors. It has to be ensured in the transition period that the certification bodies have enough resources to manage the transition period.
IATF 3rd Party Auditor “Upgrade” Progress until end of June 2017

Percentage of auditors upgraded to IATF 16949

01 January 2017 01 February 2017 01 March 2017 01 April 2017 01 May 2017 01 June 2017 01 July 2017

97.43%
Number of conducted audits against ISO/TS and IATF 16949

- Conducted audits YTD 2017: 45,516 audits
  - conducted audits against ISO/TS 16949: 42,344 audits
  - conducted audits against IATF 16949: 3,172 audits
    - thereof IATF 16949 transition audits: 2,472 audits
    - thereof IATF 16949 initial audits: 700 audits
- Until the end of June 945 certificates were issued against IATF 16949
Number of conducted audits against IATF 16949 per month

*** August data not complete as audits may be entered within max. of 20 days
Audit results for the conducted audits against IATF 16949

IATF is closely monitoring the audit results for the already conducted IATF 16949 audits:

**TOP 10 Major NC**

<table>
<thead>
<tr>
<th>Number</th>
<th>%</th>
<th>7.2.3</th>
<th>8.5.1.5</th>
<th>6.1.2.3</th>
<th>10.2.1</th>
<th>6.1.2.1</th>
<th>10.2.3</th>
<th>4.3.2</th>
<th>8.5.1</th>
<th>4.4.1.2</th>
<th>9.3.2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td></td>
<td>60</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
</tr>
</tbody>
</table>

**Basis for the calculation:**

- Audits with nonconformity data assigned: 3,172
- Audits with no nonconformities raised: 56
- Number of nonconformities raised: 16,916
  - No. of Major Nonconformities raised: 1,447
  - No. of Minor Nonconformities raised: 15,469
- Number of nonconformities per audit: 5.33

**TOP 10 Minor NC**

<table>
<thead>
<tr>
<th>Number</th>
<th>%</th>
<th>8.5.1.5</th>
<th>8.5.1.1</th>
<th>8.5.1</th>
<th>6.1.2.3</th>
<th>8.3.5.2</th>
<th>8.3.3.3</th>
<th>8.5.1.2</th>
<th>7.1.5.1.1</th>
<th>8.5.1.3</th>
<th>7.2.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td></td>
<td>800</td>
<td>600</td>
<td>400</td>
<td>200</td>
<td>100</td>
<td>50</td>
<td>30</td>
<td>10</td>
<td>30</td>
<td>20</td>
</tr>
</tbody>
</table>

**Ratio**

- Major nonconformities: 8.55%
- No. of Nonconformities: 1.77%
- Audits containing NCs 100% resolved: 14
- Audits containing only NCs 100% resolved: 1
- No. of Nonconformities 100% resolved: 49
- Audits "acceptable, failed & terminated": 1.16%
Tracking/Monitoring of the Transition Progress

- It is key for the IATF Certification Scheme that Certification Bodies have enough auditor resources available during the transition phase.

- Certification Bodies are required to make sure that they can fulfil the global demand of audit days during the transition phase and to work with their clients (suppliers) to gain commitments for scheduling and confirming transition audits.

- The IATF Global Oversight Offices began in May 2017 to track and monitor the outlook of projected transition audits and days and available auditor capacity.

- In August, the IATF Global Oversight Offices began also to require information about those suppliers for which no transition was planned so far.

- If the outlook is in excess of the auditor capacity and transition audits are not scheduled well in advance (especially for 1st Tier suppliers), this poses a risk to the IATF’s ability to get every certified client transitioned on time. The IATF wants to be aware of, and manage closely, this risk.

- The IATF expects the certification body to develop and implement countermeasure(s) to resolve any known, or perceived, risks.
Thank you for your attention!