

Title

Goals

Procedure

Dimensional Tests

Endurance Tests

Tire Strength Tests

High Speed Tests

Bead Unseating Tests

Additional Tests

Conclusions

Understanding Global Tire Regulations

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General Information for Points of Clarification

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Dimensional Tests

Endurance Tests

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High Speed Tests

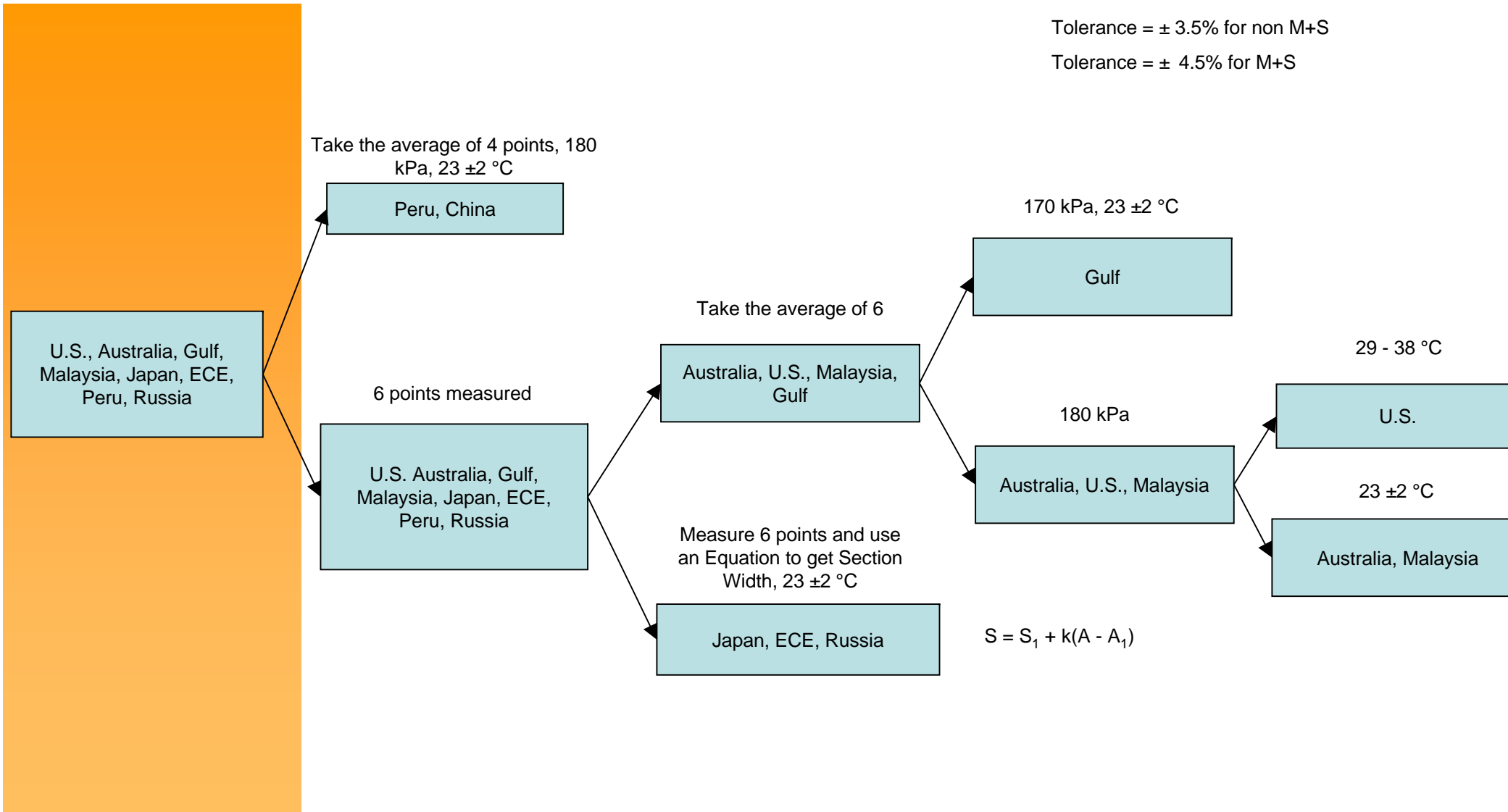
Bead Unseating Tests

Additional Tests

Conclusions

- ▶ U.S. will refer to the standard: US FMVSS 109 (U.S. for remainder of presentation)
- ▶ Presentation does not provide details of the various procedures

Dimensions – Section Width Grouping



Dimensions – Overall Width Grouping



4 points measured, average, 180 kPa, 23 ±2 °C



6 points measured



Takes the maximum



Takes the average



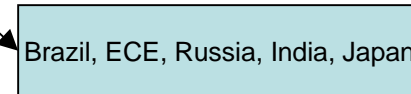
Tolerance = ± 3.5% for non M+S (+ 8mm for tires with protective rib)

Tolerance = ± 4.5% for M+S

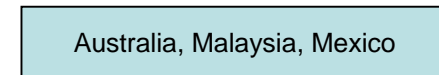
170 kPa, 23 ±2 °C



180 kPa, 23 ±2 °C



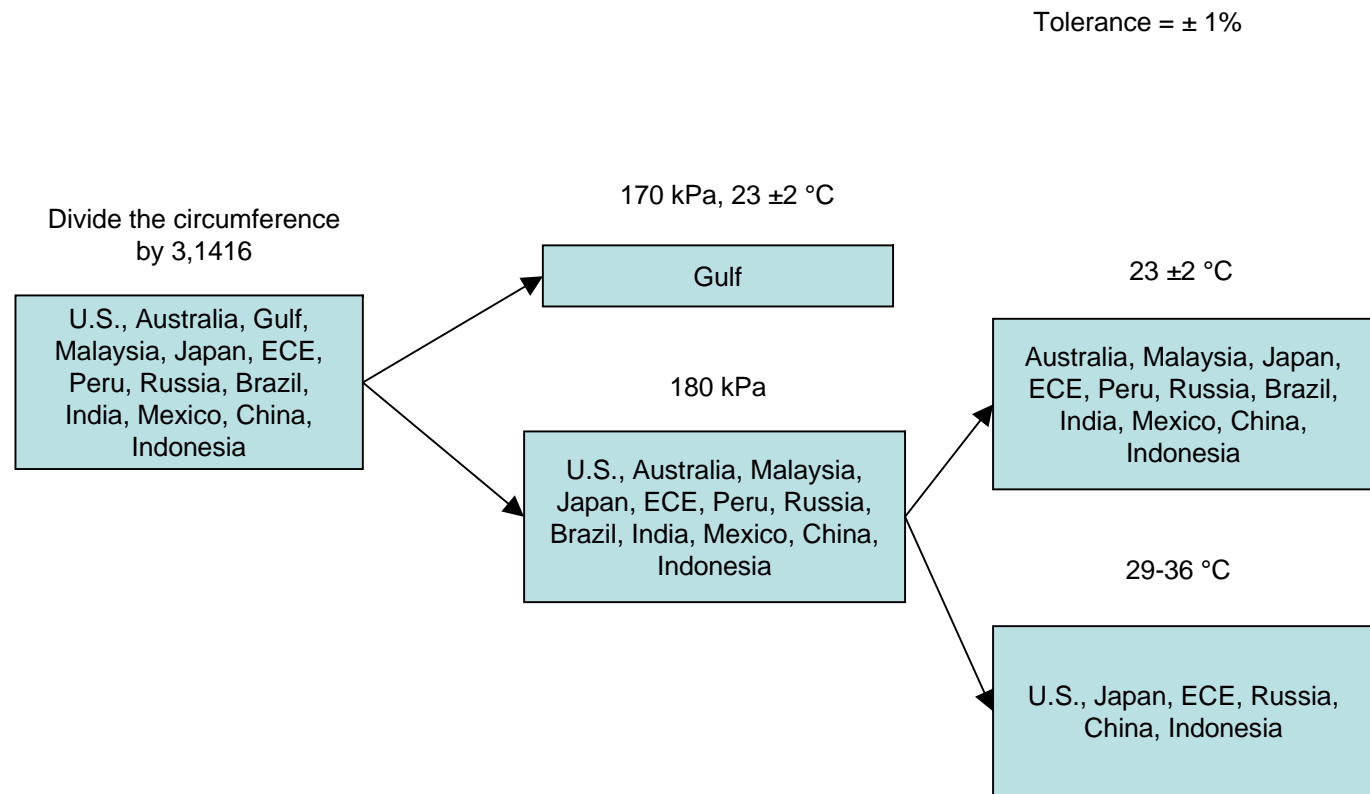
180 kPa, 23 ±2 °C



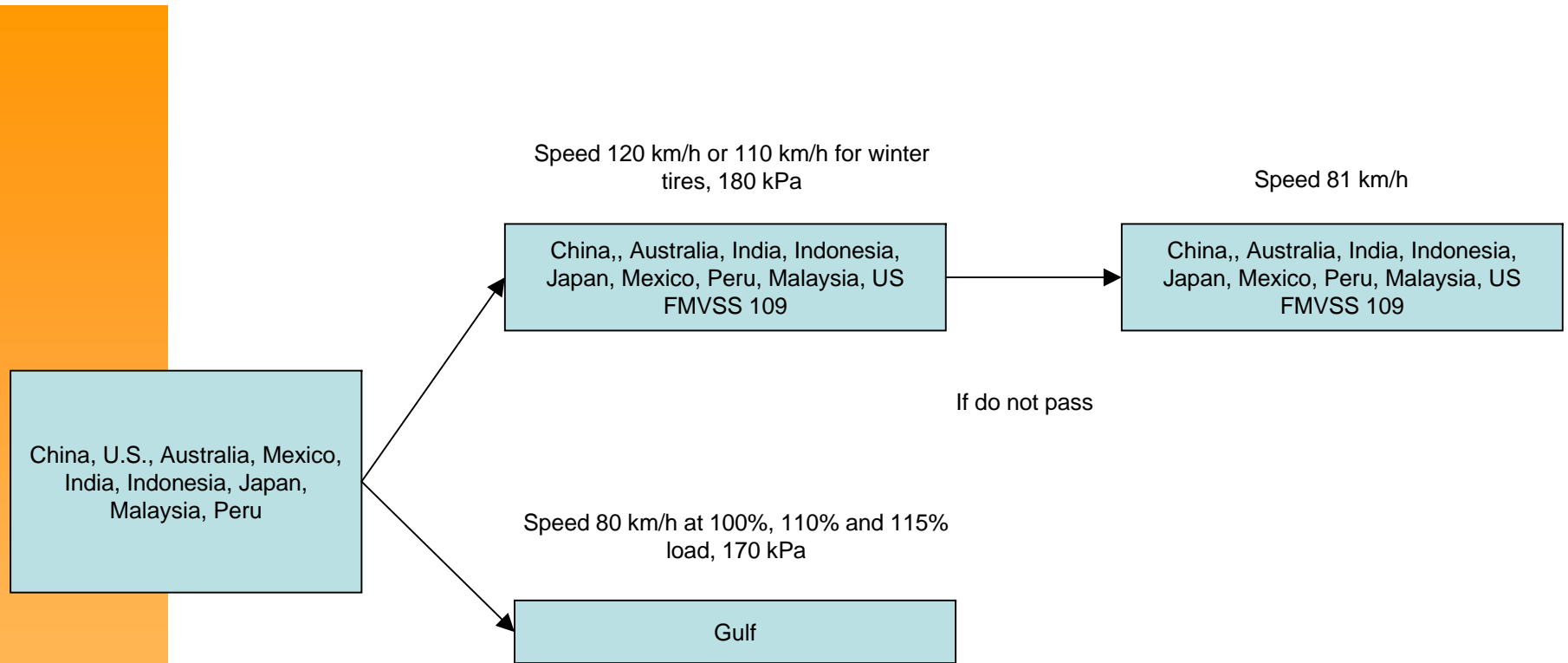
180 kPa, 29-38 °C



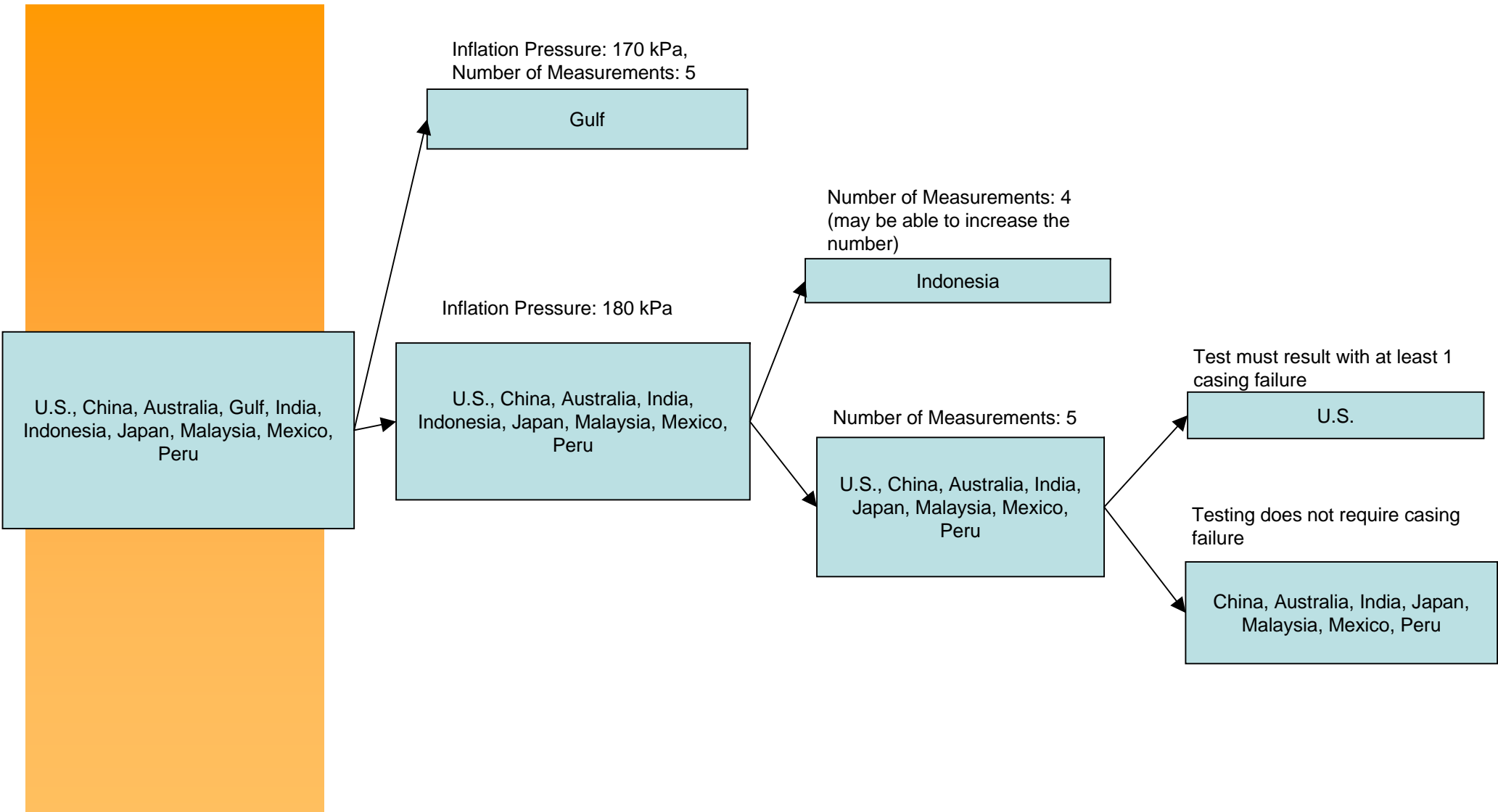
Dimensions – Diameter Grouping



Tire Endurance Test Procedure Grouping



Tire Strength Procedure Grouping



High Speed Procedure Grouping

