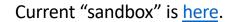
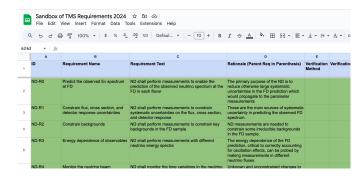
TMS Requirements

There are various levels of ND Requirements:

- "Requirements" R level
- "General" G Level
- "Measurement" M Level
- "Capability" C Level
- "Technical" T Level





Requirements down to the Measurement level are controlled by the ND team, Capability and Technical by us.

These will all be described in the ND PDR, with Capability and Technical Requirements in the TMS Chapter.

TMS Requirements

Within each, we are allowed to write about "goals"

- Some qualitatively new thing we could do with a better detector (e.g. cross section measurements)
- A key capability we want to do as well as we can e.g. muon stopping power.

Requirements:

- Are meant to show flow-down from high-level to technical
- Are meant to be developed iteratively and recursively

Requirements are very important during the review process.

• Reviewers: does this design meet the requirements? They can view their role as assigning a Pass/Fail and take a very legalistic approach.

Next Steps

The high-level requirements were finalized shortly after the Sept. collaboration meeting – incorporate them.

Capability requirements should be finalized ASAP.

We will split out technical requirements by sub-system and ask each to look at theirs and recommend changes.

Current "sandbox" is here.