Standards Basics



accessible to all **Due Process** information spoker Coo Reference to specified Fairness & equity properties **Balance** Homogeneity No single interest **Consensus** may dominate General agreement; not Stability unanimity How might standards be used? Considerations Followed to accelerate new technology / Scope: clearly product development defined

Essential

information

Consensus

Relevance:

global

Content:

appropriate

& technically

sound

Anyone can

participate

- Referenced in regulatory submission
- In conformity assessment: demonstration that specified requirements (e.g. as defined by a standard) are fulfilled
- In accreditation: third party attestation that an entity has formally demonstrated it competence per a set of requirement (e.g. standard)





Considerations

What will be what will be covered?What problem(s) will whis standard address?Who will be affected?Naterial B? I Material C? I Material C?I Common understanding?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific protocol?Material C? I Material C?I Specific protocol? I Specific protocol?I Specific protocol? I Specific prot
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Effective Standards Writing

- Clear, consistent, plain language
- "Shall" indicates a normative requirement
- "Should" indicates a recommendation
- "May" indicates a permission
- "Can" indicates a possibility or a capability

ISO Deliverables					
	Technical Report (TR)	Publicly Available Specification (PAS)	Technical Specification (TS)	International Standard (IS)	
Level of requirements	Informative (No requirements: may contain guidance or supplemental information)	Normative (requirements)			
Consensus level required	Technical Committee (simple majority of P members)	Working Group	Technical Committee (2/3 p- member approval)	Technical Committee & < 25% disapproval	

ISO Development stages