

POWTS Technical Advisory Committee Guide for Products

- **Format of the Product Information**
 - Understandable format
 - Similar to existing DIS approved products
 - Consistency
 - Other products by the same manufacturer or wholesaler
 - Sizing information for the product
 - Is it similar to DSPPS 383?
 - How does it handle high strength waste?
 - How are the proprietary components sized?
 - Are they sized for other component manuals?
 - Standardized terms and definitions
 - Are the terms compatible with DSPPS 381?
 - Sample sizing, diagrams, and illustrations
 - Illustrations and diagrams are clear and useful
 - Practical sample sizing
 - Is there too much information?
 - Can the installer, reviewer, or inspector find the needed information?
 - Is there duplicated information in the manual?
 - Is it a sales brochure?
- **Testing of the Product Information and Theory**
 - What testing data will the TAC accept?
 - NSF
 - Length of testing
 - Type of testing
 - Testing procedures
 - Does the testing represent proposed installation and sizing conditions?
 - State of WI
 - Has the DIS approved ISD of the proposed component manual?
 - Experimental systems
 - DNR
 - Other States
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 - Other testing Agencies
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 - Company testing
 - Performance testing by the component manufacturer
 - Is the testing relevant?
 - Any testing data by the manufacturer's reps or wholesalers?
 - Field testing
 - Reports from installers
 - Feedback from installers
 - WOWRA, Precast Association

- **Theory of the Product**
 - Does the Product use existing theories on POWTS?
 - Does the Product amend an existing product?
 - Does the Product use existing practices and techniques?
 - Does the Product use technologies new to Wisconsin?
 - Does the Product use technologies new to POWTS?
 - Does the Product use techniques that will work in Wisconsin?
 - Does the Product use techniques that have been designed for Wisconsin weather?
- **Design of the Product**
 - Is the design of the product understandable?
 - Is the sizing for the product explained?
 - Is the sizing automated? (crew file)
 - Where can the sizing go wrong?
- **Installation**
 - Is the POWTS Product installable?
 - Does it require specialized tools?
 - Does it require specialized materials?
 - Are there any installation procedures that may not work?
 - Where are the potential pitfalls or errors in the installation?
 - What is the required maintenance?
 - Who can maintain the product?
- **Education for the Component Manual**
 - Education of State plan reviewers
 - Education of County plan reviewers and inspectors
 - What education will plan reviewers need to be able to approve the plans?
 - Who provides that education/training?
 - What do inspectors need to focus on when inspecting in the field?
 - What are the critical installation points?
 - Education for installers
 - Do installers need to be trained on the installation?
 - Is Certification required?
 - Who provides the education/training?

What testing data will the TAC Accept?

What testing agencies will the TAC Accept?

Dosed vs gravity vs pressure distributed?

Common Practices?

POWTS Technical Advisory Committee Guide for Component Manuals

- **Format of the Manual**
 - Understandable format
 - Similar to existing DIS approved manuals
 - Consistency
 - Other manuals by the same manufacturer or wholesaler
 - Sizing information for residential and commercial
 - Is it similar to DSPS 383?
 - How does it handle high strength waste?
 - Sizing information for the products used
 - How are the proprietary components sized?
 - Are the products approved?
 - Are they sized for other component manuals?
 - Standardized terms and definitions
 - Are the terms compatible with DSPS 381?
 - Have other manuals been approved with similar terms that are not the same?
 - Sample sizing, diagrams, and illustrations
 - Illustrations and diagrams are clear and useful
 - Practical sample sizing
 - Is there too much information?
 - Can the installer, reviewer, or inspector find the needed information?
 - Is there duplicated information in the manual?
 - Is it a sales brochure?
- **Testing of the Manual Information and Theory**
 - What testing data will the TAC accept?
 - NSF
 - Length of testing
 - Type of testing
 - Testing procedures
 - Does the testing represent proposed installation and sizing conditions?
 - State of WI
 - Has the DIS approved ISD of the proposed component manual?
 - Experimental systems
 - DNR
 - Other States
 -
 - Other testing Agencies
 -
 - Company testing
 - Performance testing by the component manufacturer
 - Is the testing relevant?
 - Any testing data by the manufacturer's reps or wholesalers?
 - Field testing

- Reports from installers
 - Feedback from installers
- WOWRA, Precast Association
 -
- **Theory of the system**
 - Does the manual use existing theories on POWTS?
 - Does the manual amend an existing manual?
 - Does the manual use existing practices and techniques?
 - Does the manual use technologies new to Wisconsin?
 - Does the manual use technologies new to POWTS?
 - Does the manual use techniques that will work in Wisconsin?
 - Does the manual use techniques that have been designed for Wisconsin weather?
- **Designing the system**
 - Is the design of the system understandable?
 - Is the math for the design of the system explained?
 - Is the math for the design of the system automated? (crew file)
 - Where can the design go wrong?
- **Installation**
 - Is the POWTS System installable?
 - Does it require specialized tools?
 - Does it require specialized materials?
 - Does it contain readily accessible products?
 - Are there any installation procedures that may not work?
 - Where are the potential pitfalls or errors in the installation?
- **Education for the Component Manual**
 - Education of State plan reviewers
 - Education of County plan reviewers and inspectors
 - What education will plan reviewers need to be able to approve the plans?
 - Who provides that education/training?
 - What do inspectors need to focus on when inspecting in the field?
 - What are the critical installation points?
 - Education for installers
 - Do installers need to be trained on the installation?
 - Is Certification required?
 - Who provides the education/training?

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