

PTI Certification Programs A Reflection

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Chair, PTI Certification Advisory Board

The Original Programs

- **1989** – PTI Unbonded Plant Certification
- **1998** – PTI Unbonded Field Certification

PTI Unbonded Plant Certification

- Discussions started in mid 1980's
- Development of Manual
- Program initiated in 1989
- Originally – 13 plants certified
- Today we have 55 plants certified
- Peak we had 67 plants certified

PTI Unbonded Plant Certification

Most Memorable Action

ANSI

Submittal

Approval

Continuation

PTI Unbonded Plant Certification

Type I - Extrusion and Fabrication Plant	
Category A - Both Standard and Encapsulated Systems	30
Category B - Only Standard Systems	3
Category C - Only Encapsulated Systems	2
Type II - Fabrication Only Plant	
Category A - Both Standard and Encapsulated Systems	6
Category B - Only Standard Systems	9
Category C - Only Encapsulated Systems	2
Type III - Extrusion Only Plant (No Fabrication)	
Extrusion Only Plant	3
Totals	55

PTI Unbonded Field Certification

- Discussions started in early 1990's
- Development of Workbook and Workshop Program
- First workshop – Nov. 17-18, 1998 in Chicago
- Level 1 – Field Fundamentals
- Instructor was Joe Harrison
- 34 Attendees

PTI Unbonded Field Certification

1999 – Field Procedures Manual and Ironworker Certification Subcommittee of Unbonded Tendons Committee was established.

Members:

Larry Krauser, Chair

Thomas Mathews

Joe Harrison

Darrell Parks

Andy Kochis

Alan Rodriguez

PTI Unbonded Field Certification

PTI Board of Directors Meeting – October 2000

Future Vision of the Program

- Have different Levels of Certification
- Present more effective Workshops
- Expand our pool of Presenters
- Handling Special Requests for Certification
- Make a profit with the program so we can advertise

PTI Unbonded Field Certification

PTI Board of Directors Meeting – October 2000

“We recommend that the PTI Board of Directors approve the International Association of Bridge, Structural, Ornamental and Reinforcing Iron Workers Post-Tensioning Training Program per the recommendations outlined in the letter dated September 28, 2000, to Raymond Robertson at the Union. This Post-Tensioning Training Program is recognized to fulfill the PTI Level 1 training requirements and accordingly persons who have successfully completed this course are eligible to take the PTI Level 1 Exam. This Course Accreditation will be for a three year mutually renewable term.”

PTI Unbonded Field Certification

Most Memorable Meeting
September 10-11, 2001

Attendees:

Larry Krauser

Jim Rogers

Andy Kochis

Alan Rodriguez

Thomas Mathews

Slava Tkachuk

Russ Price

PTI Unbonded Field Certification

	PTI	Union	Total
Level 1 Unbonded PT - Field Installation	1,377	1,174	2,551
Level 2 Unbonded PT - Ironworkers	42	414	456
Slab-on-Ground	54		54
Level 2 Unbonded PT Inspector	385		385
Level 1 Bonded PT - Field Installation	544	65	609
Level 2 Bonded PT - Field Specialist	187	12	199
Totals	2,589	1,665	4,254

PTI Certification Programs

- Certification Committee Established 2003
- Initial Subcommittees
 - Certification of Plants Producing Unbonded Tendons
 - Training and Certification of Field Personnel for Unbonded Post-Tensioning
 - Training and Certification of Field Personnel for Bonded Post-Tensioning

PTI Certification Programs

- Certification Advisory Board Established 2011
- Initial CAB Committees:
 - CRT 10 (PCSC) – PC Strand Certification
 - CRT 20 (UTPC) – Unbonded Tendon Plant Certification
 - CRT 30 (UFPC) – Unbonded PT Field Personal Certification
 - CRT 40 (BFPC) – Bonded PT Field Personal Certification

PTI Certification Programs

- Current active CAB Committees:
 - CRT 20 (UTPC) – Unbonded Tendon Plant Certification
 - CRT 30 (UFPC) – Unbonded PT Field Personal Certification
 - CRT 40 (BFPC) – Bonded PT Field Personal Certification
 - CRT-50 (SOGEC) – Slab-on-Ground Geotechnical Engineers Certification
 - CRT-60 (RRSFPC) – Repair, Rehabilitation and Strengthening Field Certification
 - CRT-70 (GPTQC) – PT Systems Qualification

PTI Certification Programs

- 2016 Reshuffle of CAB
- Multiple Task Groups
- Proposed Subcommittees
 - CRT-10 Field Personnel Certification (New) (*TG-Unbonded PT; TG-Bonded PT; TG-Repair, Rehabilitation & Strengthening*)
 - CRT-20 Unbonded Tendon Plant Certification
 - CRT-70 PT System Qualification Testing and Certification

PTI Certification Programs

Today

- Programs are progressing into the future.
- Programs have fantastic participation.
- Programs are a major part of PTI:
 - Over 50% of 2016 Budgeted Revenues,
 - Provide a significant amount of operating surplus to the institute.

The background of the slide is a faded photograph of a coastal scene. On the left, a white lighthouse with a red top is visible. A long, straight path of tall palm trees stretches from the foreground towards the lighthouse. The sky is a pale, clear blue.

Thank you for your Attention!

Questions?