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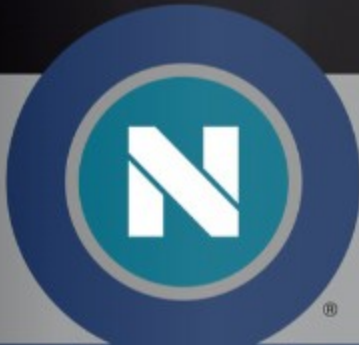
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# NASSCO's Infiltration Control Grouting Committee Introduces the Harold Kosova Lifetime Achievement Award

By NASSCO ICGC Chair John Manijak, Business Development Manager, Michels



John Manijak (left) presenting Pete Fleetwood with the inaugural Harold Kosova Lifetime Achievement Award

On February 22, 2022, NASSCO's Infiltration Control Grouting Committee (ICGC) announced the inception of a new Lifetime Achievement Award at the monthly ICGC committee meeting held in Indianapolis, Indiana during the 2022 WWETT Show.

Known by many as the "original trenchless technology", the process of sealing a sewer system using a chemical grout has been developed and advanced by nameless people. It was my privilege, and in the spirit of respect and acknowledgement of those who came before us, to announce the inception of The Harold Kosova Lifetime Achievement Award during the ICGC meeting at WWETT.

Harold Kosova began his career in the sewer industry in March 1960. He trained in the field during the daytime and in the evenings worked on building the first sewer camera and CCTV studio. In 1962, Harold worked side-by-side in Cottonwood Falls, Kansas with Ken Guthrie (Penetryn Systems, now CUES) to develop the first combined grouting packer and CCTV system. This was the very first time that acrylamide grout was injected through

open joints within a sewer system. The grout then gelled, creating a seal on the exterior of the pipe and stopped the active infiltration. Shortly afterward, Harold began building grout rigs for the company that he would eventually become president of Video Pipe Grouting.

In 1973, Harold headed the Huntington, West Virginia Army Corps of Engineers 66" Sewer Sealing project which required the use of Fly Ash combined with grout to stop infiltration along a river. Joining the Grouting Task Force in 1976, he worked to secure a reliable, ideal replacement for AM-9 chemical grout.

In 1982, Harold received a call from an east coast municipality about the need to seal laterals. Working again with Ken Guthrie, they swapped ideas about the design of a packer that had the capability to launch a sock for sealing laterals pipes.

In 1985, Harold became president of National Power Rodding (Chicago) and began redesigning the grout rig layouts. He retired in 2015 and was featured in the January 2016 issue of Trenchless Technology Magazine as a NASSCO Standard Bearer.

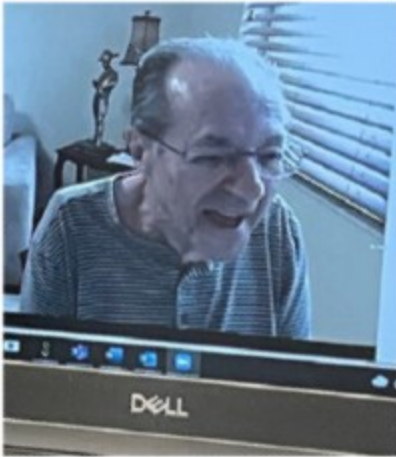
Harold was able to attend our February 22 meeting via Zoom, and it was awesome that he was there virtually to present his namesake award to the first-ever recipient, Mr. Pete Fleetwood.

Pete Fleetwood began his career in the sewer industry in January 1971 working for Video Pipe Grouting in Exton, PA. Starting out as a laborer, Pete worked as a grouter for 7 years. After leaving the industry for 4 years, he returned in 1980, and worked for Video Industrial Services in Birmingham AL. After 5 years, Pete moved to California to work for Bionomics. After Carylton Corporation purchased Bionomics in 1990, he moved to North Carolina to run the new company. In 1999, Pete began grouting service work with the west coast company and was instrumental

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Harold Kosova joining the celebration via Zoom

in the development of the Longitudinal Packer from Logiball. Developed to seal pipe fractures, Bionomics was the first company to try the new design in Sullivan's Island, SC.

Pete led the construction and development of the grouting test cell

in 2016 – a unit that allowed for a full-size reconstruction of a sewer trench and pipe installation using various bedding medium. The data that was gathered from the study of the grout formations using the test cell led to the release of two new NASSCO/ICGC Grouting Specifications released in October 2021. Pete was involved in the writing of these Specifications, the upcoming ICGC whitepaper, and the Grouting Inspector Certification Course (a future NASSCO training program).

For nearly seventy years, chemical grouting for the control of infiltration in sewer systems has endured and has become a staple in the toolbox of sewer rehabilitation. Members of ICGC have contributed significant time, knowledge and resources to build awareness of grouting and to serve our entire industry. The two new ICGC Grouting Specifications released in October 2021 cover

Grouting for Pre-Rehabilitation and Grouting for Capital Grouting. An informational video on the many benefits and features of grouting technology was released in 2021. ICGC has just completed the Unified Safe Operating Practices Program (USOPP) which will be taught at all major grout schools, and an online test and certification from NASSCO will be available in in the coming months. The Committee has also completed the review of the Test Cell Findings – a study of grout formations in sewer trenches when utilizing various gel times and backfill mediums. A comprehensive whitepaper and video series are planned to be released in 2022. Without the many contributions of people like Harold Kosova and Pete Fleetwood, these many achievements would not be possible.

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