

2021 ACPA Pipe School - Production School;Reimagined

Episode Guide

Episode	Title	Description	Category	Est. Runtime
1	The Beginning	<ul style="list-style-type: none"> - Welcome, introductions, school overview. - How does safety, quality and production go together - Customer expectations and impact 	All	40
2	Reinforcement	<ul style="list-style-type: none"> - How reinforcement works, structural basics - Steel Nomenclature, Identifying different reinforcement - Understanding steel area - How reinforcement is made - Wire and WWR Details 	Basic	65
3	Cage Production I	<ul style="list-style-type: none"> - Types of cages, how to make good cages - Shaping, bending, handling, welding, splicing & lapping - In-plant production practices, good & bad, do's & don'ts - Proper chairs and spacers 	Basic	80
4	Cage Production II	<ul style="list-style-type: none"> - Making cage machine cages, good and bad practices - Lifting holes and handling devices - Measuring pipe & box cages - Special designs, stirrups 	Basic	65
5	Raw Materials	<ul style="list-style-type: none"> - Cement, Fly Ash & Aggs, where they come from and how they're made - Key Aggregate properties and how they affect concrete; Size, shape, gradation, moisture - Admixture types and effects 	Basic	50
6	Concrete	<ul style="list-style-type: none"> - Aggregate storage and handling - Mixing concrete, sequencing, transport - Types of concrete; drycast, wetcast & SCC 	Basic	55
7	Prepour	<ul style="list-style-type: none"> - Prepour inspections, release agents - Forms/equipment; condition, mounts, vibrators, inspections - Joint forming equipment 	Basic	50
8	Consolidation	<ul style="list-style-type: none"> - Principles of vibration - How consolidation and compaction works 	Basic	60
9	Production 1	<ul style="list-style-type: none"> - Filling a drycast form - Filling a wetcast form 	Basic	75
10	Production 2	<ul style="list-style-type: none"> - Filling a packerhead form 	Basic	40
11	Postpour	<ul style="list-style-type: none"> - Proper curing - Postpour inspections 	Basic	40
12	Finishing	<ul style="list-style-type: none"> - Repairs and finishing; Cosmetic, performance and structural repairs - Best practices, best materials for each type - Product inspection practice 	Basic	45
13	Besser	<ul style="list-style-type: none"> - Besser Machinery Workshop 	Basic & Advanced	25
14	Hawkeye	<p>10 BEST PRACTICES TO GET THE MOST FROM YOUR HAWKEYEPEDERSHAAB EQUIPMENT</p> <p>If you want to know the best pressheading technique to use on your Hawkeye molds or how to evaluate your form equipment for wear and maintenance, and many other useful tips, join us for an information-packed machinery clinic presented by our technical experts. In one hour, you'll come away with a wealth of information, supported by hands-on video demonstrations, that will keep your PipePlus, PipePro and other HawkeyePedershaab machinery in top condition</p>	Basic & Advanced	60
15	The Safety Jigsaw	<ul style="list-style-type: none"> - How our safety tools work together and fit like pieces to a puzzle - For example; Task Analysis, when used to train sets the procedure, the behavior audit piece fits nicely to verify the training has been completed well 	Basic & Advanced	50

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16	Employee Centric Safety	<ul style="list-style-type: none"> - How we communicate with our employees motivates them to meet their safety responsibilities - Components of this class will take a perspective employee view, i.e., how do they view their safety role? - How do we best motive our employees to ensure safety is a functional element of their role? 	Basic & Advanced	65
17	Chairman's Safety Finalists	- This episode highlights all the safety improvement ideas as presented by the finalists for the ACPA Chairman's Safety Awards	Basic & Advanced	70
18	Decision Making	- When faced with difficult decisions, we must first identify what we can control, what we can't control, and what we can influence. This episode will provide you a way to make better decisions when everything is urgent and important	Advanced	45
19	Effective Meetings	- Whether in-person or virtual, time with our team must be used effectively. This episode will show you how to incorporate the full meeting planning cycle	Advanced	60
20	Batch Plant 1	- A poor maintenance and non-existing PM program will result in costly downtime, but it also negatively impacts the quality of concrete. This class outlines the batch plant operations from receiving of materials, all the way to transporting mixed concrete to the production area	Advanced	65
21	Batch Plant 2	- Since there aren't two precisely identical concrete batch plants, there's no one comprehensive PM program for everyone to use. However, maintenance tips and ideas shared during the class will provide useful solutions to implement in all types of batch plants	Advanced	50
22	Effective Operations	<ul style="list-style-type: none"> - Focus will be on the smaller things that need to be done in order for an operation to run smoothly - Production Scheduling, Jobsite visits, Communicating with the Sales Team, Inventory Management 	Advanced	60
23	Problemsolving	<ul style="list-style-type: none"> - Troubleshooting problems within your operations and/or procedures - Identifying problems and developing root cause analysis to better understand the problem and potential causes 	Advanced & Quality	60
24	Q&A with Mel 1	- Q&A with Mel Marshall. Mel answers many of the most commonly asked questions asked during his many years as an instructor for the ACPA's Quality School. Mel will tap into his decades of experience and knowledge to answer questions on a wide variety of topics ranging from raw materials all the way to finished product	Quality	115
25	Q&A with Mel 2	- Q&A with Mel Marshall. Mel answers many of the most commonly asked questions asked during his many years as an instructor for the ACPA's Quality School. Mel will tap into his decades of experience and knowledge to answer questions on a wide variety of topics ranging from raw materials all the way to finished product	Quality	100
26	Qcast Audits	- What to expect during a QCast audit, helpful tips, critical items, and some common deficiencies identified by auditors	Quality	90
27	QC Management	<ul style="list-style-type: none"> - Duties and responsibilities of a QC Manager based on the QCast program requirements, and general good quality control practices. - Training, experience, knowledge, qualifications 	Quality	65
28	QC Measurements & Testing	<ul style="list-style-type: none"> - Common material testing and pre/post pour inspections - Common product testing, including three-edge-bearing, joint testing, and box fit testing 	Quality	85
29	Chairman's Quality Finalists	- This episode highlights all the quality improvement ideas as presented by the finalists for the ACPA Chairman's Quality Awards	Quality	70
30	Into the Future	<ul style="list-style-type: none"> - The smooth flow created by Process Improvement - Summary & What's next? - Intro to ACPA Production Journeyman Certification 	All	25