

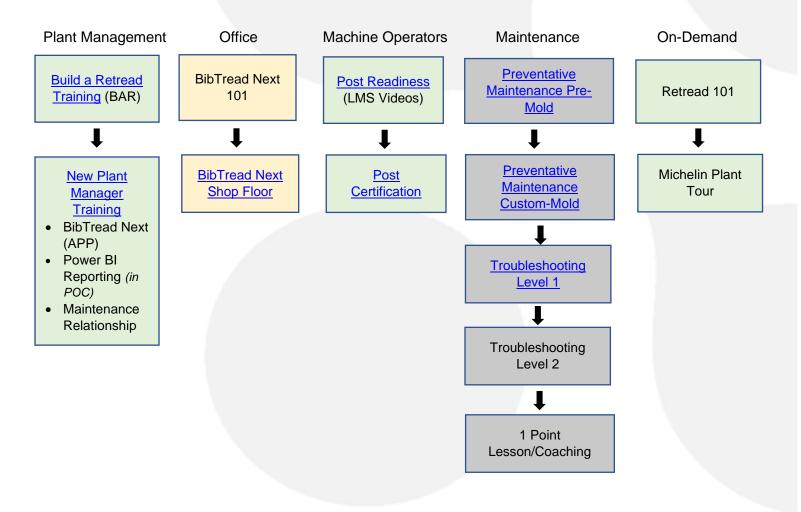


# TRAINING CATALOG





### **Recommended Curriculums (Learning Programs)**







# **Course Descriptions**





#### **Post Readiness**

	Description				
A manufacturing environment is different than retail or service work. Our Post Readiness program provides a video introduction to the operator's specific post operations and safety to prepare them for their hands-on training. Our online instructional videos are available in English, Spanish, and French.			Post Operators		
0	bjective	Compet	encies Gained	Learning Delivery	
The learner will be able to explain the basic		<ul><li>Post Safety</li><li>Post Operations</li></ul>		<ul> <li>Location: MRT LMS</li> <li>On-Demand Video</li> </ul>	
Outcomes Employee is	ready to start to start post	training with c	ertified operator		
Measurements • Evaluation o	f understanding from the ce	ertified operate	or		
Area	Skill Behavio			cific Training	
	General Safety and S		ing are prerequisite	es.	
Initial Inspection	Inspect casings identified repair, or further X-ray ins		Video (15 Mins.)		
Buffing	Setup and monitor machin removes the old tread.	ne that	Video (40 Mins.)		
CIA	Detect any anomalies in t	he casing.	Video (15 Mins.)		
Skive	Fix and casing issues.		Video (11 Mins.)		
Repair	Fix any casing issues.		Video (18 Mins.)		
Fill	Fill skives.		Video (11 Mins.)		
Tread Building	Application of new tread.		Video (40 Mins.)		
Enveloping	Wrap the tire to prepare for curing.		Video (17 Mins.)		
Chamber	Load, cure, and unload th	e new tire.	Video (30 Mins.)		
Final Inspection	Inspect tire for any anoma customer specifications.		Video (15 Mins.)		
Trainer Tracking	Tracking of progress – sa example.	fety for	Training Log/Focus	3	





#### **Post Certification**

	Audience			
Making quality pro the operator of a s quality retread. E learning/agenda: Initial Inspe Buffing Casing Inte X-Ray Skive	Post Operators			
<ul> <li>Repair</li> <li>Fill</li> <li>Tread Building</li> <li>Double-enveloping</li> <li>Curing</li> <li>Final Inspection</li> </ul>				
0	bjective	Comp	petencies Gained	Learning Delivery
<ul> <li>To safely produce quality retreads "Right the First Time" and can operate their post unsupervised. Employees come back to this module each time they take on a new post.</li> <li>Post Safety</li> <li>Post Operations</li> </ul>			-	<ul> <li>Location: On-Site</li> <li>Classroom/Shop floor</li> <li>3 Days</li> <li>Min Class Size: 1</li> <li>Max Class Size: 10</li> </ul>
Outcomes     Good Retrea     Efficiency is	ads 70%-80% (will increase wit	h time)		
Measurements Right the Fir Safety Incide Efficiency (C				
Area	Skill Behavior			fic Training
Safety	Shop Overview Training (LMS V Operator is trained to operate the post and carry out tasks in a safe manner.		Hands-On Training	
Work Method	Step by step procedures to perform the task with all required PPE.		Hands-On Training (o post/machine)	f the operation of the
Specifications	Training of the MRT tolerances related to the given post.		Verbal Instruction and	Document Review
Evaluation	Evaluation of the operator performing the job.		Observation	
Certification				est





#### Training Blitz (3 to 5 trainers)

	Description				
Making quality pro the operator of a s quality retread. E learning/agenda: Initial Inspe Buffing Casing Inte X-Ray Skive	Post Operators				
<ul> <li>Repair</li> <li>Fill</li> <li>Tread Building</li> <li>Double-enveloping</li> <li>Curing</li> <li>Final Inspection</li> </ul>					
0	bjective	Comp	petencies Gained	Learning Delivery	
To safely produce quality retreads "Right the First Time" and can operate their post unsupervised. Employees come back to this module each time they take on a new post.			2	<ul> <li>Location: On-Site</li> <li>Classroom/Shop floor</li> <li>4 Days</li> <li>Min Class Size: 3</li> <li>Max Class Size: 15</li> </ul>	
Outcomes     Good Retrea     Efficiency is	ads 70%-80% (will increase wit	h time)			
Measurements         • Right the First Time (RFT)         • Safety Incidences         • Efficiency (Output compared to standard)					
Area	Skill Behavior			ific Training	
Safety	Shop Overview Training (LMS VideoOperator is trained to operate thepost and carry out tasks in a safemanner.		Hands-On Training	site.	
Work Method	Step by step procedures t	•	Hands-On Training (c post/machine)	of the operation of the	
Specifications	the task with all required PPE. Training of the MRT tolerances related to the given post.		Verbal Instruction and	d Document Review	
Evaluation	Evaluation of the operator performing the job.	r	Observation		
Certification	Confirmation of knowledg	е.	Written and Verbal Te	est	





#### **Build a Retread Training (BAR)**

Descript	Audience	
This hands-on training provides a participa completely through the retreading process	<ul> <li>New Plant Manager (Day 1)</li> <li>Or pull from any position</li> </ul>	
Objective	Learning Delivery	
Participant will have a good overview of the entire retreading process. They will also have operated and/or run every post from start to finish. This provides a clear understanding of what goes into making a retread.	<ul> <li>Appreciation of equipment operation</li> <li>Understanding of work methods</li> </ul>	<ul> <li>Location: Fountain Inn, Sc</li> <li>Workshop</li> <li>1 Day (8 hours)</li> <li>Min Class Size: 5</li> <li>Max Class Size: 25</li> </ul>

#### **Outcomes**

- Knowledge of operating each post (with assistance) •
- Completed the entire retreading process •

#### **Measurements**

Will physically operate at all posts within the retreading process with assistance from MRT trainer • • However, will not be certified to operate post without supervision

Area	Skill Behavior	Specific Training
	Shop Overview Training (LMS	Videos) is a prerequisite.
Post Ready VideosOperator gets a foundational overview of each work post.		Videos for each Post in the retreading process
Safety	Operator is trained to operate the post and carry out tasks in a safe manner.	Hands-On Training – taking a tire through the entire process
Work Method	Step by step procedures to perform the task with all required PPE.	Hands-On Training of the operation of the post/machine
Specifications	Training of the MRT tolerances related to the given post.	Verbal Instruction and Document Review

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#### Scheduled

4-15-2024 10-21-2024







#### **New Plant Manager Training**

	Audience				
Training to teach new Plant Managers lean manufacturing concepts and how they apply to retreading. Topics include capacity, inventory, productivity, operating expense, etc (IE). Training also involves how Retread Business Managers (RBMs) can support new Plant Managers, and how they can assist with Velocity and MyShop tools and quality-control plans (RBM). Finally, New Plant Manager Appreciation is also incorporated as a part of this training (Maintenance).			<ul> <li>New Plant Managers</li> <li>Existing Plant Managers</li> </ul>		
Ob	jective	Compe	etencies Gained	Learning Delivery	
understanding of ho	The new Plant Manager will have a better understanding of how to manage retread plant operations effectively.		<ul> <li>Process and flow</li> <li>BTN overview</li> <li>Maintenance overview</li> <li>Location: Fountain SC</li> <li>3 Days</li> </ul>		
•	<ul> <li>Completed BAR Training</li> <li>Completed sessions with RBM, BTN, Maintenance, and IE groups</li> </ul>				
	useful information via in-p				
Area	Skill Behavio		Spec	cific Training	
Build A Retread (BAR) Training	Participant takes 1 tire of through the process ope every post		Hands-On Training (see Build a Retread Training)		
RBM Support	Participant understands RBM role supports a ne manager	ew plant	Verbal Instruction and Document Review		
Velocity/MRT Quality Control	Participant understands the process of quality control and monthly inspections		Verbal Instruction and Document Review		
MyShop	Participant gains competency of the MyShop tool		Verbal Instruction and Document Review		
IE Training	Participant gains understanding of IE principles		Verbal Instruction and Document Review		
BibTread Next 101	Participant gains competency of BTN tool		Verbal Instruction and Document Review		
New Plant Manager Appreciation	Participant is given an c MRT equipment	overview of	Verbal Instruction an	d Document Review	

#### Owner – mike.widmyer@michelin.com Scheduled

4-15-2024 - 4-17-2024 10-21-2024 - 10-23-2024





#### **Controlled Flow System (CFS)**

	Descriptio	on		Audience	
The purpose of this theory of constrain of balanced and ur management. Bas standard deviation System is designed provided. Additiona with detailed staffir Dice game.	Plant Managers				
0	bjective	Comp	etencies Gained	Learning Delivery	
			te expected value, e, standard on	<ul> <li>Location: On-Site</li> <li>Classroom</li> <li>Field Study</li> <li>3 Days</li> </ul>	
<ul><li>Identify bott</li><li>Identify what</li></ul>	<ul> <li>Manager will be able to discuss CFS for IE visit/consult</li> <li>Identify bottlenecks based on queue size</li> <li>Identify what is affecting capacity</li> <li>Identify balanced and unbalanced systems</li> </ul>				
	ating at or above MRT stand lant capacity	dard			
Area	Skill Behavio	r	Spec	ific Training	
Dice Game	Participant gains a comprehensive understanding of Pull Flow principle		Verbal instruction and presentation		
Controlled Flow System Presentation	Participant learns Controlled Flow System, concept of theory of		Verbal instruction and presentation		
Controlled Flow System Plan	ed Flow Participant applies CFS concepts to their shop/plant using the Controlled Flow model (scheduling		Hands-On Training		

#### Owner - charles.ludlow@michelin.com





#### **Cost/Unit Training**

	Description					
Training to each ne the Cost Analysis s Overhead cost stru The plant's Labor a in the MRT networ	ation. Plant Managers					
Ob	ojective	Competencies Gaine	ed Learning Delivery			
•	analyze retread plant mine ways to reduce	<ul> <li>MS Excel spreadshee usage</li> <li>Calculate cost/unit via spreadsheet</li> </ul>	<ul> <li>Virtual Training (2</li> </ul>			
<ul> <li>Effectively us</li> <li>Create difference</li> <li>Create reasonable</li> </ul>	Identify problem areas where costs could be improved <u>Measurements</u>					
Area	Skill Behavio	•	Specific Training			
Cost Analysis Effective use of Cost Analysis spreadsheet		alysis Verbal Instruc	ction and Document Review			

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#### **Flow Optimization**

	rovement in	plant production			
An IE visit to determine opportunities for improvement in plant production. Queue sizes are analyzed at each post, and continuous observations are completed on the bottleneck posts to determine root causes. Results of the study are communicated to the plant manager. This involves a detailed custom Controlled Flow Model with detailed staffing recommendations, and adjustments can be made based on continuous observations.				t Manager rators ead Business ager (RBM)	
tive	Comp	etencies Gained	Learning	g Delivery	
Identifies the plant's bottlenecks and provides actions and focus points for improvement.					
Outcomes         • Identify actions to improve bottlenecks         • Use and application of Controlled Flow Model         Measurements         • Plant production         • Operator productivity					
r desired posts					
Skill Behavio	r	Speci	fic Training		
IE consults with plant manager to elaborate on results from Continuous Observation and references Controlled Flow Model to identify bottlenecks and methods of improvement to attain production/productivity goals		Verbal Instruction and	I Document R	eview	
	w Model with detailed hade based on continue stive with the second of the second of the second based on continue stive with the second of the second of the second to improve bottlenecks ation of Controlled Flow the second of the second of the second second of the second of the second of the second the second of the second	w Model with detailed staffing reconnade based on continuous observation tive Comp • Continu- study • Queue • MS spre- • Calcular with tar operator • Calcular • Cal	Skill Behavior       Speci         Skill Behavior       Speci         Skill Behavior       Verbal Instruction and ferences Controlled Flow Model	Skill Behavior       Specific Training         Consults with plant manager to aborate on results from ontinuous Observation and ferences Controlled Flow Model       Verbal Instruction and Document R	

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#### Manager Shop Appreciation (Maintenance)

	Description				
Provide MRT Equ	Provide MRT Equipment Overview for retread Managers.			Plant M	anagers
C	bjective	Comp	etencies Gained	Learning	Delivery
Retread shop man needed to evaluate their Maintenance the terminology an components/ key i on during a shop fi their Tech. <u>Outcomes</u> • Ability to eff	nned to provide the hager with the knowledge e the effectiveness of Tech. Provide them with ad understanding of what tems they should focus loor tour or 1-on-1 with	Identifie Machin PM Str Key Po Identifie	e Vocabulary ucture int Failure cation	<ul> <li>Location: F SC</li> <li>Classroom</li> <li>4 hours</li> <li>Min Class</li> <li>Max Class</li> </ul>	Size: 1
Measurements     Improved E	quipment Uptime				
Area	Skill Behavior		Spec	ific Training	
My Shop	Participant gains competency of the MyShop tool		Verbal Instruction an	d Document Re	eview
Work Method	MyShop Access				
	PM Manual Overview				

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#### **Preventative Maintenance Pre-Mold**

	Description				
Hands-On Equipment Preventative Maintenance (PM) training. Review the PM plans for each piece of equipment, perform PM on one of each type of machine, review machine safety, MyShop overview, and overview all tools and supplies needed for PMs.				Maintenance Techs & Plant Managers who are performing the role of Maintenance	
Obj	jective	Compet	encies Gained	Learning Delivery	
<ul> <li>The Franchise or Licensee Maintenance Tech is fully capable of performing PMs on their own to MRT standards. This includes the knowledge of proper safety techniques, knowledge of tools and equipment required, how to document completed PMs, how to perform the PM, and the key components to identify during the PM.</li> <li><u>Outcomes</u> <ul> <li>Ability to perform Preventive Maintenance Tasks on all P</li> </ul> </li> </ul>		ve Maintenance all Pre-Mold nt	<ul> <li>Location: On-Site</li> <li>Classroom/Tutoring</li> <li>2-4 hours Classroom – future CBT</li> <li>20-30 hours on- equipment tutoring</li> <li>Min Class Size: 1</li> <li>Max Class Size: 3</li> </ul>		
Measurements     PM Audit Sc	ores > 90%				
Area	Skill Behavi	ior	Sp	ecific Training	
	LOTOTO is a prerequi			by Dealer	
			a prerequisite		
			lanuals before train		
			nd Electrical Aptitu		
Safety			oversight on each		
Work Method	Step by step procedure the task with all require		Hands-On Training post/machine	of the PM on each	
Specifications         Training of the specific steps pointed out in the PM manual         Verbal Instruction and Document Review			and Document Review		

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#### **Preventative Maintenance Custom Mold**

	Description			
Hands-On Equipment Preventative Maintenance (PM) training. Review the PM plans for each piece of equipment, perform PM on one of each type of machine, review machine safety, MyShop overview, and overview all tools and supplies needed for PMs.				Maintenance Techs & Plant Managers who are performing the role of Maintenance
O	bjective	Comp	etencies Gained	Learning Delivery
the knowledge of proper safety techniques, knowledge of tools and equipment required, how to document completed PMs, how to perform the PM, and the key components to identify during the PM.Pre Ta Eq			to perform ntive Maintenance on all Custom-Mold ment	<ul> <li>Location: On-Site</li> <li>Classroom/Tutoring</li> <li>24 hours</li> <li>Min Class Size: 1</li> <li>Maximum Class Size: 3</li> </ul>
Outcomes     Ability to per	form Preventive Maintenan	ce Tasks o	n all Custom-Mold Equ	uipment
Measurements PM Audit Sc				
Area	Skill Behavior			ific Training
	LOTOTO is a prerequisite	e – training	g must be provided b -Mold_is a prerequis	y Dealer
			a prerequisite	
			anuals before trainir	ng
			nd Electrical Aptitude	
Safety	tasks in a safe manner. overs			e perform full PM with MRT be of post
Work Method	the task with all required F		Hands-On Training o post/machine	
Specifications	Training of the specific ste pointed out in the PM mar	eps	Verbal Instruction an	d Document Review

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**Troubleshooting Level 1** 

Description			Audience		
Hands-On MRT Equipment troubleshooting class.			Maintenance Techs & Plant Managers who are performing the role of Maintenance		
Objective Competencies Ga			etencies Gained	Learning Delivery	
component troubleshooting, and basic		<ul> <li>Machine Component Identification</li> <li>Machine Vocabulary</li> <li>Key Point Failure Prevention</li> <li>Troubleshooting Basics</li> <li>Help Desk Basics</li> <li>Electrical, Mechanical and Pneumatic Print Reading</li> </ul>		<ul> <li>Location: Fountain Inn, SC</li> <li>Classroom/Tutoring</li> <li>24-32 hours (40% classroom)</li> <li>Min Class Size: 2</li> <li>Max Class Size: 6</li> </ul>	
Outcomes         • Improved ability to self-diagnose and troubleshoot MRT retreading equipment         Measurements					
Improved M	achine Up-Time				
			cific Training		
LOTOTO is a prerequisite – training must be provided by Dealer Preventative Maintenance Pre-Mold is a prerequisite					
MyShop Access is a prerequisite					
Attendee should review PM Manuals before training					
Demonstrated Mechanical and Electrical Aptitude					
Safety			Hands-On Training – LOTOTO points are identified		
Work Method	Best practices for troubleshooting MRT equipment		Hands-On Troubleshooting Training on each post/machine		
Specifications	Training of the specific technology		Verbal Instruction and Document Review		

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#### **Scheduled**

3-19-2024 - 3-21-2024 11-12-2024 - 11-14-2024



#### **Troubleshooting Level 2**

	Audience						
More advanced follow-up to the Level 1 training with more time spent on troubleshooting.			re time spent on	Personnel that have successfully completed Troubleshooting Level 1			
Objective Compe			etencies Gained Learning Deliver				
The Trainee will spend the week learning an in-depth overview of MRT equipment parts identification, equipment and component troubleshooting, and more basic learning on meter usage.		<ul> <li>Advanced Troubleshooting Skills</li> </ul>		<ul> <li>Location: Fountain Inn, SC</li> <li>Classroom/Tutoring</li> <li>24-32 hours (10% classroom)</li> <li>Min Class Size: 1</li> <li>Max Class Size: 4</li> </ul>			
Outcomes • Improved Troubleshooting Skills							
Measurements • Improved Ec							
Area	Skill Behavior Spec			cific Training			
	LOTOTO is a prerequisit			by Dealer			
	Troubleshooting Level 1 is a prerequisite. Preventative Maintenance Pre-Mold is a prerequisite						
MyShop Access is a prerequisite							
Attendee should review PM Manuals before training							
Demonstrated Mechanical and Electrical Aptitude							
Safety	Technician is trained to carry out tasks in a safe manner.		Hands-On Training – LOTOTO points are identified				
Work Method	Best practices for troubleshooting MRT equipment		Hands-On Troubleshooting Training on each post/machine				
Specifications	Training of the specific technology on each piece of equipment		Verbal Instruction and Document Review				
Specifications	Training of specific techniques used in troubleshooting		Use of simulation of problems/faults of the most common faults/machines.				

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#### **BibTread Next 101**

	Audience				
This training covers a variety of facets that relate to the BTN platform. This involves work order creation and BTN mobile app, where the participant will gain a better understanding of work order anatomy, MRT Mobile solutions (BTM), work order search and the audit trail, and reporting in BTN. The participant will also learn about BTN referentials and plant tread assignment, product data (referential) data in BTN, Pre-Mold tread table, tread/casing referentials and assigning treads to plants, and finished products table and dealer part numbers for point-of-sale system. Lastly, the participant will be given an overview of shop floor operations and workflow, plant post set up, adjustments, workflow, and handling rejects and reruns/reworks.				Plant Manager or designated employee	
O	bjective	Comp	petencies Gained	Learning Delivery	
<ul> <li>Obtain competence in the day-to-day administration of BibTread functionality</li> </ul>				<ul> <li>Location: Fountain Inn, SC</li> <li>Classroom/Tutoring</li> <li>1 Day</li> <li>Min Class Size: 2</li> <li>Max Class Size: 10</li> </ul>	
Outcomes Basic compe	Outcomes • Basic competencies in all areas of BTN covered				
Measurements         • Ability to perform work order creations and searches         • Ability to carry out basic reporting         • Ability to process adjustments, rejects, reruns, and reworks					
Area	Skill Behavior Speci		fic Training		
Reporting	Ability to pull reports from both BTN and Qlik in support of the Retreader's business		Reports training module/hands on		
Work Order Creation	Understand the work-order creation process		Work Order training m	der training module/hands on	
Basic Search Func.	Ability to search casing/workorder/pack list in BTN		Back Office administration training module/hands on		
Casing Grading	Understand and apply basic casing grade ruled in BTN		Casing Grade training module/hands on		
User Management	Ability to Create new and modify existing users		User management training module/hands on		

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#### **BibTread Next Shop Floor**

Description				Audience		
Understanding Shop Floor operations / workflow within Bib Tread Next			Machine Post Operators and New Plant Managers			
Objecti	ve Competencies Gaine		encies Gained	Learning Delivery		
<ul> <li>Participant can log in to BTN (BIBTREAD NEXT) successfully and navigate the Shop Floor Application to complete their required tasks/responsibilities.</li> <li>Understand the importance of u Application prop collection)</li> </ul>			application d the of using the properly (data d how a Cam Spec r Casing d the Casing	<ul> <li>Location: Fountain Inn, SC</li> <li>Train the Trainer + job aids</li> <li>1 Day</li> <li>Min Class Size: 4</li> <li>Max Class Size: 8</li> </ul>		
Outcomes         • Participant understands how to access their individual Shop Floor accounts         • Knows how to start up and shut down the Post Thin Client         • Knows how to utilize the Log Me In remote program when BTN support is provided         • Knows how to access the correct Post from the Home screen         • Can use the Application efficiently in the execution of their post responsibilities         • Measurements         • Observe start-up/shut down of Thin Client         • Observe successful log in and Post selection         • Observe use of and navigation within a given post						
Area			ecific Training			
Basic literacy is a prerequisite.           Start up (Shift Start         Log in/Log out – using their         BTN Shop Floor Training Module and has a start up (Shift Start)						
Start-up/Shift Start App utilization	credentials App Navigation – s Navigation within th post	electing posts	on	Training Module and hands		
Post utilization	Data Entry for their	posts	BTN Shop Floor on	Training Module and hands		
'Log Me In Rescue' App Cooperative use of Support App			Training Module and hands			
Shift End/Shut Down         Logging out/shutting down Thin         B           Client         o			Training Module and hands			
	Make part of Certifi Audit					

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#### Retread 101

Descripti	Audience					
<ul> <li>PowerPoint provided on LMS platform differentiators</li> <li>Video provided on LMS platform with</li> </ul>	Plant Managers					
Objective	Learning Delivery					
<ul> <li>Detailed explanation of each retread post and what sets MRT apart from the Industry Standard</li> </ul>	<ul><li>Location: MRT LMS</li><li>PowerPoint/Video</li></ul>					
<ul> <li>Outcomes</li> <li>Understanding of process differentiators</li> <li>Understanding of equipment upgrades and improvements</li> </ul>						
<ul> <li>Ability to present this knowledge while providing shop tours</li> </ul>						
Area Skill Behavio	rea Skill Behavior Specif					
	MRT Process Power Point Video					





#### Costs

Training		Cost per Event		
Post Readiness				E-learning
Post Certification (per Additional Visit)	\$2,000			
Training Blitz 3 trainers (4 full days)	\$5,000			
Training Blitz 5 trainers (4 full days)	\$9,000			
Build a Retread (BAR)	\$150			
New Plant Manager Training				\$2,000
Controlled Flow System			\$7,000	
Cost/Unit Training			E-learning	
Flow Optimization			\$3,000	
Manager Shop Appreciation		\$1,000		
Preventative Maintenance (Pre- Mold)		\$8,000		
Preventative Maintenance (Custom Mold)		\$8,000		
Troubleshooting Level 1		\$1,200		
Troubleshooting Level 2		\$900		
BibTread Next 101				\$500
BibTread Next Shop Floor				\$500
Retread 101				E-learning

\*Yellow highlight indicates cost per person; training taking place at FTN.

Cancellations received in under 3 weeks of scheduled training will be charged a 10% fee.

#### **CHART**

