

Measurement Solutions

FOR ASPHALT PAVEMENT AND
SHINGLE MANUFACTURING

- **Level**
- **Pressure**
- **Linear Position**
- **Static Grounding**

The Products You Need for the Asphalt Industry



Guided Wave Radar

2-wire level gauge with an easy 3-step setup process ■ Class I, Div 1, Zone 0 installation ■ Special process separator for the most extreme conditions ■ Stable measurement through agitated surfaces, foam, and fine dust in the tank ■ Probe types and materials for all applications

Application: Cold Feed Bins



Open Air Radar Systems

10GHz, 24GHz, & 80GHz FMCW Radar ■ 2-wire loop powered with easy navigation ■ Class I, Div 1, Zone 0 installation ■ Measurement range up to 328 ft. ■ Antenna types and materials for all applications

Application: Asphalt Storage Tank



Universal IV Pro

4th generation RF Continuous system ■ Use for: conductive, insulating, and heavy/light coating ■ Measurement span from 1 in (25 cm) to 800 ft (244 m) with no dead zone areas ■ Immune to tank obstructions such as nozzles, ladders, pipes, and agitators

Applications: Saturation Dip Tank, Asphalt Spreader



The Point Level Switch

Excellent in liquid, slurry, or granular applications ■ Ignores coatings on the measurement probe ■ Switching relay or mA output ■ 2-wire or line powered

■ No calibration: easy to install

Applications: Cold Feed Bin and Conveyor, Asphalt Storage Tank, Drum Mixer, Hot Mix Conveyor, Delivery Chute, Asphalt Spreader



950/950MD Mill-Duty Housing

Stainless Steel Mill Duty protective housing for Rod Style LDTs ■ Simplified 2 point mounting and easy replacement reduces downtimes ■ Lengths from 1 in (25 cm) to 20 ft (5 m) ■ Air cooling ports to cool electronics

Applications: Dry Felt, Dry Felt Accumulator, Coater Rollers, Coating and Surfacing Rollers, Shingle Cutter, Product Packaging



Plugged Chute Detector

Unique sensor design does not interfere with flow of material ■ Cote-Shield™ technology eliminates false alarms due to coatings ■ Electronics can be mounted remotely, away from high vibration.

Applications: Cold Feed Bins and Conveyor, Drum Mixer, Dust Collector, Hot Mix Conveyor, Storage Silo, Delivery Chute



Rota-Reel

Compact and light weight ■ Ruggedly built for reliable performance ■ Internal spring mechanism provides easy extension and automatic retraction ■ Available in powder coated or stainless steel

Applications: Static Grounding of Mobile Equipment During Loading and Unloading

METEK®

SENSORS, TEST & CALIBRATION

www.avensys.com | info@avensys.com | 1-888-965-4700



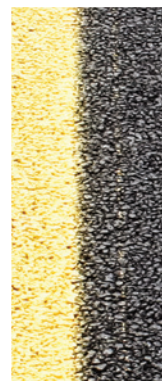
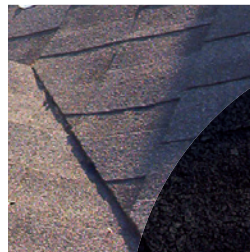
The AMETEK Sensors Commitment

We thank you for considering AMETEK Sensors' products, and we appreciate the opportunity to provide you with the very best in measurement solutions. We are committed to providing you with:

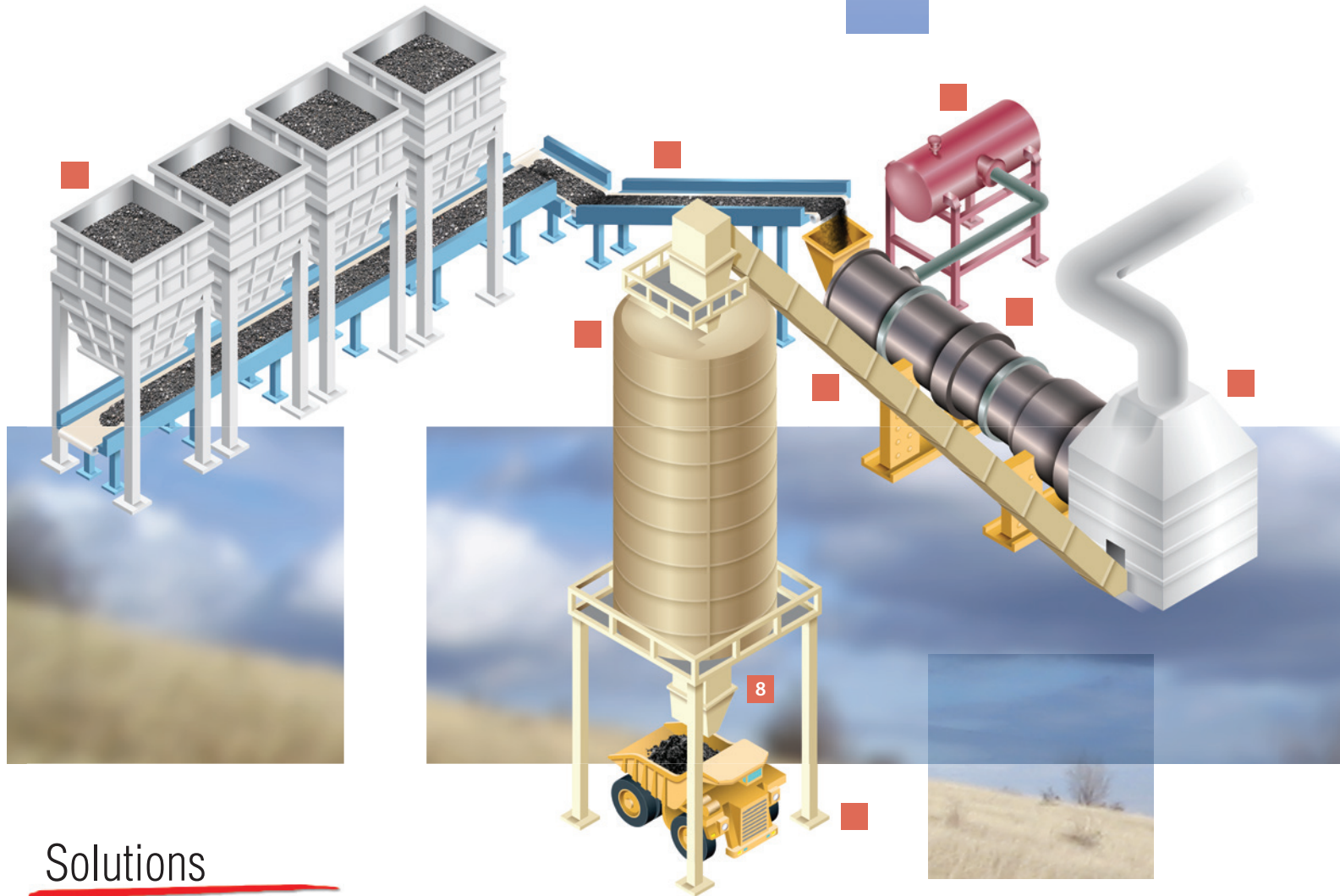
- Best level, pressure and position measurement expertise in the industry
- Best value in the most state-of-the-art instrumentation
- Best customer support and service
- Widest breadth of technologies
- Highest possible product quality
- Best in class products

AMETEK Sensors, Test & Calibration is known worldwide as a premiere manufacturer of high quality instrumentation. We have earned our reputation as a world leader by providing reliable and accurate solutions to the most demanding applications in virtually every industry. It is the goal of AMETEK Sensors, and our worldwide network of representatives and distributors, to provide the most appropriate technology solution to meet your requirements.

We pledge to provide you with a quality solution based on over 50 years of field experience that will be perfectly suited for your application.



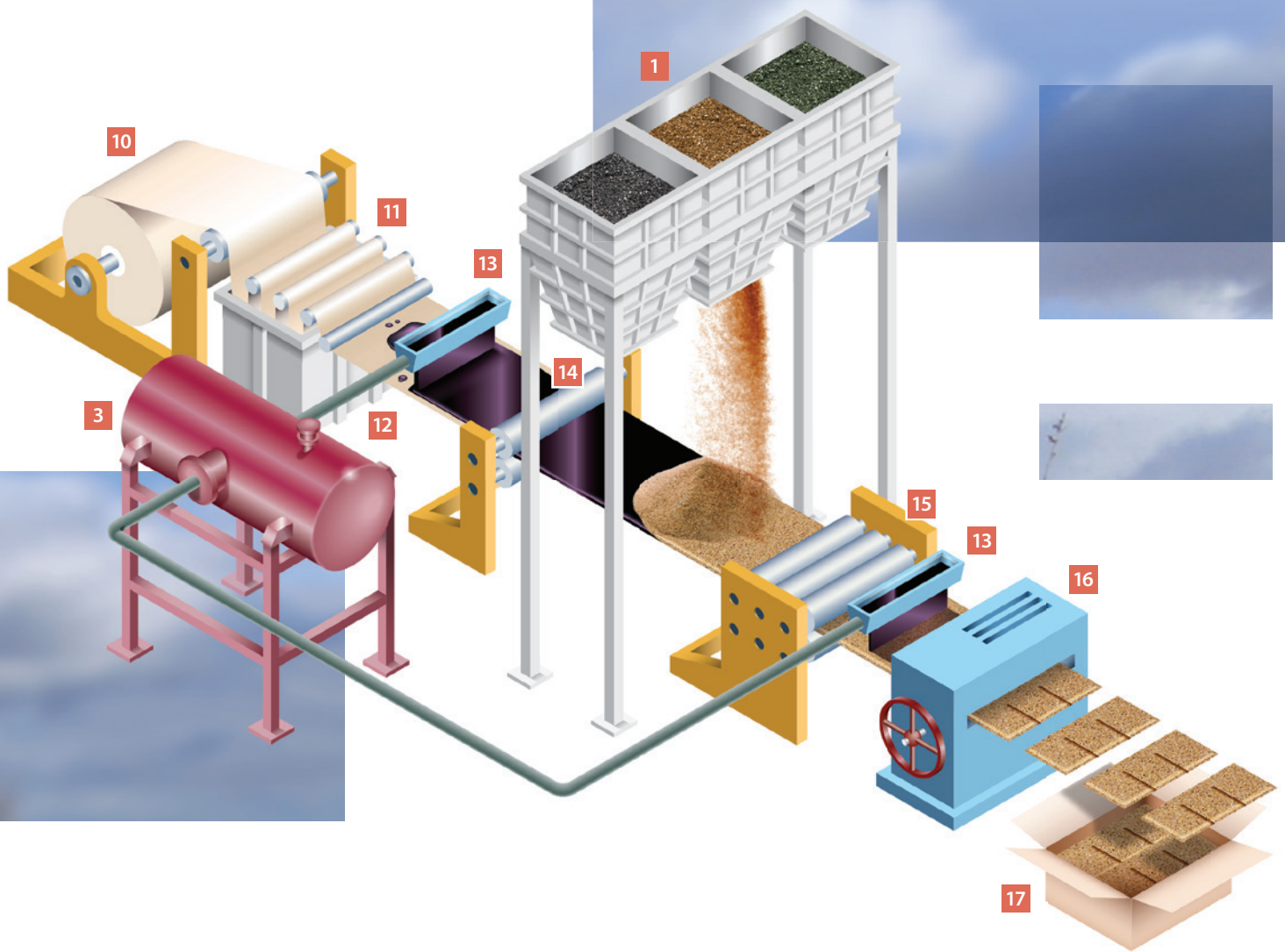
Asphalt Hot Mix Process



Solutions

	APPLICATION	MEASUREMENT	AMETEK SOLUTION
1	Cold Feed Bins	Continuous Level — Radar, GWR/TDR	DRX400 and DRX500 Series Open Air Radar, DR7100 Guided Wave Radar
		Point Level — RF Admittance HL and LL	The Point, Plugged Chute Detection
2	Cold Feed Conveyor	Continuous Level — Radar	DRX400 and DRX500 Series Open Air Radar
		Point Level — RF Admittance	The Point, Plugged Chute Detection
3	Asphalt Storage Tank	Continuous Level — Radar	DRX400 and DRX500 Series Open Air Radar
		Point Level — RF Admittance HL and LL	The Point Level Switch
4	Drum Mixer	Point Level — RF Admittance	The Point, Plugged Chute Detection
5	Dust Collector	Continuous Level — Radar	DRX400 and DRX500 Series Open Air Radar
		Point Level — RF Admittance HL and LL	The Point Level Switch
6	Hot Mix Conveyor	Point Level — RF Admittance	The Point, Plugged Chute Detection
7	Storage Silo	Continuous Level — Radar	DRX400 and DRX500 Series Open Air Radar
		Point Level — RF Admittance HL and LL	The Point, Plugged Chute Detection

Asphalt Shingles Process



	APPLICATION	MEASUREMENT	AMETEK SOLUTION
8	Delivery Chute	Point Level — RF Admittance	The Point, Plugged Chute Detection
9	Static Grounding	Static Grounding	Rota-Reel Static Grounding Reel
10	Dry Felt	Web Tensioning — LDT	950, 950MD Mill Duty LTD
11	Dry Felt Accumulator	Web Tensioning — LDT	950, 950MD Mill Duty LTD
12	Saturation Dip Tank	Continuous Level — RF Admittance	UIV Pro Level Transmitter
		Point Level — RF Admittance HL and LL	The Point Level Switch
13	Asphalt Spreader	Continuous Level — RF Admittance	UIV Pro Level Transmitter
		Point Level — RF Admittance HL and LL	The Point Level Switch
14	Coater Rollers	Roller Position Feedback — LDT	950, 950MD Mill Duty LTD
15	Coating & Surfacing Rollers	Roller Position Feedback — LDT	950, 950MD Mill Duty LTD
16	Shingle Cutter	Cutter Position Feedback — LDT	950, 950MD Mill Duty LTD
17	Finished Product Packaging	Position Feedback — LDT	950, 950MD Mill Duty LTD

AMETEK®
SENSORS, TEST & CALIBRATION

 **USG®**
U.S. Gauge

DREXELBROOK®

Hunter → →
Spring

© 2019 by AMETEK, Inc. All rights reserved.
1M519P (250003) EDO# 5-19-100



www.avensys.com | info@avensys.com | 1-888-965-4700