




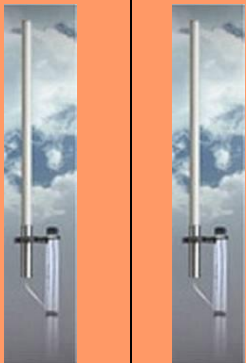



BWI Eagle's Fail-Safe Dozer Safety System

Raw & Clean Coal Piles w/PLC located elsewhere..

“On the Dozer”		Dozer Safety System Components	
			
		480-5100NS-DC	49-2102
Model Number	Component	Qty Per Dozer	Description
480-5100NS-DC	Stop Switch Transmitter	1	DC powered 900MHz stop switch transmitter with network switch - mounts in dozer cab – operator first uses network switch to select which stock pile he will be working on, then logs transmitter into that pile's receiver when entering its area – up to four dozers can communicate simultaneously with the receiver on each pile/
49-2102	900MHz Mobile Antenna	1	Magnetic roof mount mobile antenna for model 480-5100NS-DC transmitter

“At <i>Each</i> Stock Pile” (Raw & Clean)		Dozer Safety System Components	
			
		480-5240	
			
		49-5001	49-3101
Model Number	Component	Qty Per Stock Pile	Description
480-5240	Receiver	1	120VAC Powered, 900MHz Receiver - Installed at the tower at each stock pile – dozer transmitters log-in to this receiver which continually monitors dozer status
49-5001	TNC T Adapter	1	Mounts on side of receiver – allows two 900MHz Omni antennas to be connected to the receiver
49-4000-XX	Coax Cable	2	Variable length of coaxial cable with connectors – Connects antennas to receiver
49-3101	900MHz Omni Directional Antenna	2	Omni directional antennas for model 480-5240 receiver - mount these antennas on opposite sides of the catwalk, aiming down toward front and back side of surge pile for 360 degree coverage

Over

**“At Each Control Center”
(Raw & Clean Control)**

Dozer Safety System Components



480-5440

49-3201

Model Number	Component	Qty Per PLC Control	Description
480-5440	Receiver	1	120VAC Powered, 900MHz “Slave” Receiver - Installed at each control center – receives signals from each Stock Pile Receiver, Model 480-5240
49-4000-XX	Coax Cable	1	Variable length of coaxial cable with connectors – Connects antenna to “slave” receiver
49-3101	900MHz Omni Directional Antenna	1	Omni directional antenna for model 480-5440 receiver