

Crack Seal - Team Scorecard

Official scoring card - participant fields intentionally blank

Team / Organization

Team Members

Proper Dress Apparel - all team members must have required items to participate

Required Item	Check
Gloves	
Safety Glasses	
Hard Sole Shoes / Work Boots	
Long Sleeve Shirt - No Polyester	
Safety Vest / Approved Agency Colored Shirt	

Section A Points (5 possible): _____

Melter Walk Around and Inspection

Check Item	Judge
Engine oil, water, fuel level	
Hydraulic fluid	
Heat transfer oil level	
Turn signal, brake and running lights	
Hitch and safety chains	
Warning lights and fire extinguisher (if equipped)	
General condition: tires, wheels, lugs, trailer frame, hoses, wiring	

Section B Points (7 possible): _____

Vacuum Walk Around and Inspection

Check Item	Judge
Engine oil	
Hydraulic fluid	
Rotary air blower fluid level	
Storage tank for debris / access door closed	
Filter for debris / access door closed	
Hoses for wear / proper wand and boom connection	
Pivotal boom assembly swivels properly	
Gasoline tank level full before start	

Section C Points (8 possible): _____

Melter Start-Up

Step	Judge
Preheat and start engine	
Turn main power toggle switch at control box on	
Set hot oil temperature at 500 degrees	
Set material temperature to manufacturer recommended temperature	
Mixer switch in Forward; mixer activates at proper sealant temperature	
Set heated hose temperature at 380 degrees	
When applying sealant: set trigger lock, remove wand/hose from hanger and position on hose jib support (2 persons required)	

Section D Points (7 possible): _____

Vacuum Start-Up

Step	Judge
Start engine and set RPM at low idle	
Check unusual noise/vibration from rotary air blower	
Set RPM to full throttle	

Section E Points (3 possible): _____

Dispensing Material and Vacuum Operation

Step	Judge
Properly heat application tip	
Set pump speed	
Place vacuum head over cracks	
Open air injector valve and proceed with air routing and vacuuming	
Open/close air injector valve as needed to keep dust from blowing from under vacuum head	
Start crack sealing	
Proper application of blotter material in designated area	
Graded Item	Score 1-10
Proper cleaning of cracks	
Proper application of sealant	
Proper squeegee usage	
Neatness of overall job	
Crew coordination	

Section F Total (57 possible): _____ Time (Tie Breaker): _____

Melter Shut Down and Clean Out

Step	Judge
Reverse pump for approximately 30 seconds	
Turn main control toggle switch off	
Set hot oil, material and heated hose thermostats to 0 degrees	
Turn air compressor toggle switch off	
Set trigger lock on wand and store hose on hanger with travel safety in place	
Rotate jib support toward front until locked	
Shut engine down	

Section G Points (7 possible): _____

Vacuum Shut Down and Clean Out

Step	Judge
Turn blower engine off	
Store hose and boom for travel	
Remove filter from housing and check for large debris	
Clean filter with compressed air and wash with water	
Unlatch storage manhole cover and dump debris in approved area	
Store hose and wand	

Section H Points (6 possible): _____

TOTAL POINTS (100 possible)

TIME
