

TechTip G8 – Rig Readiness Checklist

Purpose

The purpose of this TechTip is to provide contractors with a sample checklist to perform regular rig readiness inspections. The checklist may be used on a regularly scheduled basis to help ensure that the rig, including the vehicle and all major equipment, is properly maintained and ready for daily service.

SPFA would like to acknowledge TruTeam for providing permission to use and distribute this checklist.

SPRAY RIG INSPECTION FORM						
Date:			Truck Last 5 of Vin			
Year			Make			
OK	Sug	Req	Inspection Items	Why Recommendation	Scheduled Maintenance	
GENERATOR			Model:		Hours	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oil Level			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Coolant Level			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fuel Level and Filter			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Belts (fan and/or compressor)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fluid leaks			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Electrical connections			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exhaust condition			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ground wire			
Notes:						
COMPRESSOR			Model:		Output PSI	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oil Level			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Filter Life			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Separator Life			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Air Intake Filter Condition			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gauge in Working Condition			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pressure Switch/ Relay (correct PSI unload and load)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Inline Cooler (6' away from compressor minimum)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Auto Drain unit			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	One-Way Valve			
Notes:						
AIR DRYER			Model:		Temperature	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Working condition			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gauge at Proper Reading			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Output Air Pressure			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leaks (Air or Oil)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Automatic Drain Operational and Adjusted Correctly			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cooling System Free of Debris			
Notes:						
DRUM/FEED PUMP (A-Side)			Model:			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Barrel Pump Collar Screwed into Drum			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Desiccant Filter on the A side			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cleanliness A Pump System			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gauge/Valve in Working Condition			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recirculation System in Working Condition/Screwed In			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quick Connects on Recirculation Hose (camlock)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pump material Hoses (leaks, cracking, and/or kinks)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pump Air Hoses (leaks, cracking, and/or kinks)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Upper Pump Housing Condition (air motor)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lower Pump Housing Condition (fluid housing)			
Notes:						

DRUM/FEED PUMP (B-Side)			Model:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Barrel Pump Collar Screwed into Drum
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Desiccant Filter on the B side
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cleanliness B Pump System
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gauge/Valve in Working Condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recirculation System in Working Condition/Screwed In
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quick Connects on Recirculation Hose (camlock)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pump material Hoses (Leaks, cracking, and/or kinks)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pump Air Hoses (leaks, cracking, and/or kinks)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Upper Pump Housing Condition (air motor)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lower Pump Housing Condition (fluid housing)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Agitator/Mixer Working Condition
Notes:			
PROPORTIONER - Drivers Side			Model:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Working Condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Machine Complete (no missing parts)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A side Packing/Seals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B side Packing/Seals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wet Cup and TSL Condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Basket Strainers Installed and Clean
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spare o-rings and Screens for Strainer
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Heater Condition (A, B, and Hose)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Error Codes Present on Proportioner During Visit (list codes)
Notes:			
PROPORTIONER - Passenger Side			Model:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Working Condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Machine Complete (no missing parts)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A side Packing/Seals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B side Packing/Seals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wet Cup and TSL Condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Basket Strainers Installed and Clean
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spare o-rings and Screens for Strainer
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Heater Condition (A, B, and Hose)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Error Codes Present on Proportioner During Visit (list codes)
Notes:			
HEATED HOSES			Model:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Whip Extension Condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spare Extensions on Truck
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Manifold Condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hose Properly Stowed on Rack
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Overall Condition
Notes:			
GUNS			Model:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Guns Assembled and Ready to Spray (Qty)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Total Working Guns on Rig (Qty)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Overall Condition
Notes:			

RIG SYSTEMS			Model:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Breakers and Breaker Box
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Electrical wiring and connections
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outlets GFCI
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shore power outlet
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Overall Compressed air system
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shore power outlet

Notes:

BREATHABLE AIR SYSTEM			Model:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Filters clean within expiration
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supplied air hose condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If present CO monitor condition
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If present CO monitor calibrated
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Workspace Ventilation Equipment
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drains/ Bowls free of debris

Notes:

SAFETY EQUIPMENT			Model:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15 minute eyewash within expiration
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fire Extinguisher
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spill kit full
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	First Aid kit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All other PPE and Safety Equipment (harness, ladders,
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SDS present

Notes:

RIG SYSTEMS			Model:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Breakers and Breaker Box
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Electrical wiring and connections
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outlets GFCI
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shore power outlet
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Overall Compressed air system
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shore power outlet

Notes:

OK	Checked and Acceptable
Sug	Repair, Maintenance or Replacement Suggested
Req	Repair, Maintenance or Replacement Required

List below equipment not in use/ extra equipment

Notes:

Description/ Issues of Truck and Box Body	
Floor	Storage
Walls	Ceiling
External	Doors
Cab	Documents

Continued testing if required			
Air System Leak Test	Air System Pressure	Pull Test	Voltage Output
Satisfactory			
Non-Satisfactory	PSI		
Inspection completed by		signature	

DISCLAIMER: This document was developed to aid SPF installers and contractors pto properly maintain their spray rigs. The information provided herein, based on current customs and practices of the trade, is offered in good faith and believed to be true, but is made WITHOUT WARRANTY, EITHER EXPRESS OR IMPLIED, AS TO FITNESS, MERCHANTABILITY, OR ANY OTHER MATTER. SPFA DISCLAIMS ALL LIABILITY FOR ANY LOSS OR DAMAGE ARISING OUT OF ITS USE. Individual manufacturers and equipment manufacturers should be consulted for specific information. SPFA does not endorse the proprietary products or processes of any individual manufacturer, or the services of any individual contractor.

ABOUT THE SPRAY POLYURETHANE FOAM ALLIANCE (SPFA)

Founded in 1987, the Spray Polyurethane Foam Alliance (SPFA) is the voice, educational and technical resource, for the spray polyurethane foam industry. A 501(c)6 trade association, the alliance is composed of contractors; manufacturers and distributors of polyurethane foam, related equipment and protective coatings; and consultants who provide inspections and other services. The organization supports the best practices and the growth of the industry through several core initiatives, which include educational programs and events, the SPFA Professional Installer Certification Program, technical literature and guidelines, legislative advocacy, research, and networking opportunities. For more information, please use the contact information and links provided in this document. www.sprayfoam.org

DISCLAIMER

THIS DOCUMENT WAS DEVELOPED TO AID CONTRACTORS AND INSTALLERS IN THE PROPER APPLICATION OF SPRAY-APPLIED POLYURETHANE FOAM SYSTEMS. THE INFORMATION PROVIDED HEREIN, BASED ON CURRENT CUSTOMS AND PRACTICES OF THE TRADE, IS OFFERED IN GOOD FAITH AND BELIEVED TO BE TRUE TO THE BEST OF SPFA'S KNOWLEDGE AND BELIEF.

THIS DOCUMENT IS MADE AVAILABLE "AS IS" AND WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, AND NON-INFRINGEMENT. TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, SPFA, ITS OFFICERS, DIRECTORS, EMPLOYEES, AUTHORIZED AGENTS AND VOLUNTEERS DISCLAIM ANY AND ALL LIABILITY OR RESPONSIBILITY FOR ANY LOSSES, DAMAGES, COSTS AND/OR INJURIES OF ANY KIND OR NATURE ARISING OUT OF OR RESULTING FROM THE USE AND/OR RELIANCE UPON THE CONTENTS OF THIS DOCUMENT.

DOCUMENT HISTORY

Date	Sections Modified	Description of Changes
November 2019	New Document	
January 2021	New Format	New TechTip Format