



GEF Incorporated

6497 Winfield Road Winfield, WV 25213

P- (304)755-1600 / 800-784-0529

F- (304)755-3150

www.gefinc.com

Questions Call: Ken Allison (304)380-6196

Pipe Repair Data Work Sheet

(PIPING, TANKS, VESSELS)

This information will assist in the proper selection of substrate, matrix, and application procedures for the repair.

It will also be used as a basis for the complete design solution. One sheet shall be completed for each repair.

Please fill out this form in its entirety and e-mail to: sales@gefinc.com

Include photographs, drawings and schematics when possible.

Customer: _____

Customer Contact: _____

Phone Number: _____

Fax Number: _____

Email Address: _____

Job Location _____

If Applicable Location
Class per B31.8: _____

Piping Detail			
Pipe Identification			
Pipe Reference			
Outside Diameter			
Original Wall Thickness			
Grade/Type			
SMYS <small>Specified Minimum Yield Strength</small>			
Product in line <small>Include MSDS and chemical breakdown if available</small>			
Design Pressure	Minimum:	Maximum:	Test:
Operating Pressure			
Design Temperature	Minimum:	Maximum:	
Operating Temperature			
Physical Location	Above Ground <input type="checkbox"/>	Below Ground <input type="checkbox"/>	Below Water or Water Table <input type="checkbox"/>
Orientation	Horizontal <input type="checkbox"/>	Vertical <input type="checkbox"/>	Off-Angle <input type="checkbox"/>

Defect Data			
Type of Damage:	Description of Damage:		
Corrosion	Internal <input type="checkbox"/>	External <input type="checkbox"/>	Cause:
	Width:	Length:	Depth:
Erosion	Internal <input type="checkbox"/>	External <input type="checkbox"/>	Cause:
	Width:	Length:	Depth:
Dent	Cause:		
	Width:	Length:	Depth:
Gouge	Cause:		
	Width:	Length:	Depth:
Crack	Cause:		
	Width:	Length:	Depth:
Other	Explain:		
	Width:	Length:	Depth:
Given the type of defect, what is the MAWP? _____			
Note: MAWP is the maximum allowable working pressure as defined in ASME B31.G, API 579, BS 7910 or other calculation method.			

Risk Assessment	
Does an active leak exist or is one expected?	Yes <input type="checkbox"/> No <input type="checkbox"/>
If leaking now, what is the severity of the leak?	Drip <input type="checkbox"/> Whisp <input type="checkbox"/> Spray <input type="checkbox"/> Blow <input type="checkbox"/>
Can the line be depressured during the installation?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Is there danger of line separation? What is axial load?	Yes <input type="checkbox"/> Axial Load: _____ No <input type="checkbox"/>
Is bending an issue? What is bending moment?	Yes <input type="checkbox"/> Bending Moment: _____ No <input type="checkbox"/>
Are any additional loads sustained or occasional?	Sustained <input type="checkbox"/> Occasional <input type="checkbox"/>
Are there fireproofing requirements?	Yes <input type="checkbox"/> No <input type="checkbox"/>

Surface Preparation
Describe the condition of the surface (rusty, dented, gouged, pitted, etc.)
Is there an external coating? If so, can it be removed?
Will the composite be installed over an existing leak repair? Explain.
Does the condition of the pipe allow it to be cleaned by sandblasting or water blasting? Explain.
If the surface cannot be cleaned by blasting, what methods are acceptable (water, wire wheel, chemical clean, etc.)?

Installation Details

Surface temperature at time of installation

Minimum:

Maximum:

Estimated air temperature at time of installation

Minimum:

Maximum:

Any adverse weather conditions expected (snow, rain, freezing, etc.)? Explain.

Describe ventilation available.

Describe any other conditions that may affect the installation.

Based on first hand knowledge of the jobsite, are there any suggestions for a repair method?

What is the expected lifetime of the repair?

Diagram of Repair Scenario

Please draw the type of damage that will be repaired and shade the area that will be covered. Use the appropriate piping configuration or draw your own if it does not exist here.

