DIAGNOSTIC PATH MAPPER

This fault-to-fix diagnostic path mapper helps engineering, service, quality, and product teams document the journey from the initial fault through diagnosis, repair, root-cause confirmation, and future machine improvements.

Use this worksheet to identify where missing information, unclear ownership, or delayed handoffs lead to trial-and-error troubleshooting or repairs that do not address the actual cause.

Machine or platform:		System, function, or recurring issue:	
Stage	**Information Available** *(fault codes, machine state, operator report, logs, measurements, service history)*	**Primary Delay or Uncertainty**	**Owner**
Fault occurs			
Operator reports			
Information accessed			
Fault isolated			
Corrective action selected			
Repair completed			
Root cause confirmed			
Learning applied			

The two stages that deserve closer review are:

1. _____

2. _____

The primary delay, risk, or downstream impact is:

_____

_____

_____

BRING US YOUR CONTROL CHALLENGE

Better machine-state visibility, fault history, subsystem reporting, and service access may help shorten the path from the reported symptom to the likely cause.

Discuss Your Diagnostic Strategy with HED.