

## CPDM Status Codes Resulting in MSHA System Voiding Respirable Dust Samples

CPDM Status Code	Condition	Void Code	Current Threshold
TE NOT DETECTED	Sample is voided when status is detected before the last 15 minutes of the shift	EFI	Occurs earlier than 15 minutes before end of shift
FLOW OUT OF RANGE	Sample is voided when the total duration of the status is 5 or more percent of the shift duration.	FOR	5 percent of the total sampling time
MASS OFFSET ERROR	Sample is voided when, over any two minute period, total mass increase is 0.3 mg or greater or total mass loss is 0.1 mg or greater.	EFI	Over 2 minute period, change in total mass of + 0.3 mg or -0.1 mg
CPU FAULT	Sample is voided when status occurs	EFI	When Occurs
TE FREQUENCY	Sample is voided when status occurs	EFI	When Occurs
PDM CPU RESET	Sample is voided when status occurs	EFI	When Occurs
POWER LOW SHUTDOWN	Sample is voided when status is detected before the last 15 minutes of the shift	EFI	Occurs earlier than 15 minutes before end of shift
TE Temp Out of Range	Sample is voided when status is detected in the first or last minute of the sample file.	EFI	Occurs during first or last minute of sample file