



DOT DRUG TESTING CHANGE EFFECTIVE OCTOBER 1, 2010

Ecstasy & Heroin Added to Initial Testing, Cocaine & Amphetamine Cutoffs Lowered

Pursuant to notices published in the Federal Register, federally-regulated drug testing programs will undergo a significant change on October 1, 2010, when the DOT initial drug test panel will be expanded to include ecstasy (MDMA) and heroin (6-Acetylmorphine) and the cutoff levels for cocaine and amphetamine will be lowered.

This change is an effort by the Department of Transportation to align its regulated-industry drug testing with the Department of Health & Human Services laboratory drug testing requirements. The new requirements effective October 1, 2010, for all federally-regulated drug testing programs are highlighted in the table below:

Initial test analyte	Initial test cutoff concentration	Confirmatory test analyte	Confirmatory test cutoff concentration
Marijuana metabolites.....	50 ng/mL.....	THCA ¹	15 ng/mL
Cocaine metabolites.....	150 ng/mL.....	Benzoylcegonine.....	100 ng/mL
Opiate metabolites. Codeine/Morphine ²	2000 ng/mL.....	Codeine.....	2000 ng/mL
6-Acetylmorphine.....	10 ng/mL.....	Morphine.....	2000 ng/mL
Phencyclidine.....	25 ng/mL.....	6-Acetylmorphine.....	10 ng/mL
Amphetamines ³ .		Phencyclidine.....	25 ng/mL
AMP/MAMP ⁴	500 ng/mL.....	Amphetamine.....	250 ng/mL
MDMA.....	500 ng/mL.....	Methamphetamine ⁵	250 ng/mL
		MDMA ⁶	250 ng/mL
		MDA ⁷	250 ng/mL
		MDEA ⁸	250 ng/mL

¹ Delta-9-tetrahydrocannabinol-9-carboxylic acid (THCA).

² Morphine is the target analyte for codeine/morphine testing.

³ Either a single initial test kit or multiple initial test kits may be used provided the single test kit detects each target analyte independently at the specified cutoff.

⁴ Methamphetamine is the target analyte for amphetamine/methamphetamine testing.

⁵ To be reported positive for methamphetamine, a specimen must also contain amphetamine at a concentration equal to or greater than 100 ng/mL.

⁶ Methylenedioxyamphetamine (MDMA).

⁷ Methylenedioxyamphetamine (MDA).

⁸ Methylenedixethylamphetamine (MDEA).

Federal Registry Entries: [Federal Register November 25, 2008](#) (73 FR 71858)
[Federal Register December 10, 2008](#) (73 FR 75122)
[Federal Register April 30, 2010](#) (75 FR 22809)

Source: http://www.workplace.samhsa.gov/DrugTesting/Level_1_Pages/mandatory_guidelines5_1_10.html