

Notification of Changes in DOT Drug Testing

Our drug and alcohol testing policy covers employees who perform safety-sensitive duties, as defined by the US Dept. of Transportation (DOT) regulations. The DOT regulations change effective October 1, 2010. We will be changing our policy to comply with the regulations. This page is meant to notify you of the changes.

Please review the following and sign below. You may have a copy of this page for your records if you wish.

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What is changing?

- Amphetamine screening and confirmation cutoffs will be lower (more sensitive). Amphetamine testing will now include “ecstasy” (methylenedioxymethamphetamine or MDMA) and its metabolites
- Cocaine screening and confirmation cutoffs will be lower (more sensitive).
- Each specimen will be tested for heroin (6-acetyl morphine or 6AM).

Why are the cutoffs changing?

Cutoff concentrations for amphetamines and cocaine were established many years ago and were based on analytical methods available at the time. Certified labs can now reliably test for these compounds at lower concentrations without risk of false positive results. Lower cutoffs will enable labs to detect these critical drug classes in specimens that previously might have been reported as “negative” if the drug was present, but at a level below the old cutoff. (adapted from Legacy Lab Services, Portland, OR)

The following table comes from the DOT regulations and is incorporated into our policy effective 10/1/10.

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.....	Benzoyllecgonine.....	100 ng/mL
Opiate metabolites			
Codeine/Morphine ²	2000 ng/mL.....	Codeine.....	2000 ng/mL
		Morphine.....	2000 ng/mL
6-Acetylmorphine.....	10 ng/mL.....	6-Acetylmorphine.....	10 ng/mL
Phencyclidine.....	25 ng/mL.....	Phencyclidine.....	25 ng/mL
Amphetamines ³			
AMP/MAMP ⁴	500 ng/mL.....	Amphetamine.....	250 ng/mL
		Methamphetamine ⁵	250 ng/mL
MDMA ⁶	500 ng/mL.....	MDMA.....	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 Methylenedioxymethamphetamine (MDMA).

⁷ Methylenedioxyamphetamine (MDA).

⁸ Methylenedioxyethylamphetamine (MDEA).

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By signing below, I acknowledge notification of the changes in the company policy to comply with DOT drug testing regulations.

Printed Name

Signature

Date