

**COMMONWEALTH OF KENTUCKY  
MINE SAFETY REVIEW COMMISSION**

**ORDER**

WHEREAS, KRS 351.182(8) provides for a minimum 10 panel urine testing protocol acceptable for the establishment of drug-free status for miner certification under KRS Chapter 351, and further provides that "the remaining panels to be used in the urine test shall be set by order of the Mine Safety Review Commission no later than June 1 of each year," and

WHEREAS, the Mine Safety Review Commission has investigated and concluded that the following substances should also be included in the testing, as their presence is inappropriate for drug-free status under KRS 352.182, and

WHEREAS, notice of intent to include these substances was circulated on March 18, 2019, to all licensed Kentucky coal mining entities, to all registered miner representatives, to all registered contractors, and to the Kentucky Coal Association, and

WHEREAS no objection or other comments have been received;

NOW THEREFORE, it is ORDERED that pursuant to KRS 351.182(8)(k), in addition to the ten (10) panel test set out in KRS 351.182 (8) (a) – (j), the urine panels shall include testing for presence of the following substances:

1. Methamphetamine (commonly known as "crystal meth")
2. Benzoylcegonine (Cocaine metabolite)
3. Designer Stimulants, including but not limited to the following:
  - 4-Fluoromethcathinone (Flephedrone, 4-FMC)
  - 4-Methylethcathinone (4-MEC)
  - Benzylpiperazine
  - Buphedrone (a-Methylamino-butyrophenone, MABP)
  - Butylone ( $\beta$ -Keto-N-Methylbenzodioxoly, bk-MBDB)
  - Cathinone
  - Ethylone (3,4-Methylenedioxy-N-ethylcathinone, MDEC, bk-MDEA)
  - Eutylone
  - MBDB (Methylbenzodioxolybutanamine)
  - MCPP (Chlorophenylpiperazine)
  - MDAI (5,6-Methylenedioxy-2-aminoindane)
  - MDPBP (3,4-Methylenedioxy-a-pyrrolidinobutiophenone, NRG-1)
  - MDPV (3,4-Methylenedioxy Pyrovalerone, Cloud 9, Ivory Wave, White Lightning)
  - Mephedrone (4-Methylmethcathinone, 4-MMC, 4-Methylephedrone, M-Cat, Meow Meow)
  - Methcathinone (Ephedrone)

Methedrone (para-Methoxymethcathinone, PMMC, Methoxyphedrine, 4-Methedrone)  
Methylone (3,4-Methylenedioxy-N-methylcathinone, bk-MDMA, M2)  
Mitragynine (Kratom)  
Naphyrone (Naphpyrovalerone,  $\beta$ -Naphyrone, O-2482)  
Pentedrone (*a*-Methylamino-Valerophenone)  
Pentylone  
PVP (*a*-Pyrrolidinopentiophenone, Flakka)  
Pyrovalerone (Centroton; Thymergix)  
TFMPP (Trifluoromethylphenylpiperazine)

4. Extended Opiates, including but not limited to the following:

Hydrocodone  
Hydromorphone  
Codeine  
Morphine  
Oxycodone  
Oxymorphone

5. Extended Synthetic Cannabanoids, including but not limited to the following:

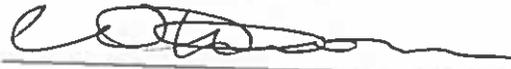
AB-Pinaca Pentanoic Acid  
AKB-48  
AKB-48 Pentanoic Acid  
AM-1248  
AM-2201 4-Hydroxy Pentyl  
AM-694  
AM-694 Pentanoic Acid  
BB-22 3-Carboxyindole Metabolite  
HU-210  
JWH-018 Hydroxy Pentyl  
JWH-018 Pentanoic Acid  
JWH-019 6-Hydroxy Hexyl  
JWH-073 3-Hydroxy Butyl  
JWH-073 4-Hydroxy Butyl  
JWH-073 BUT Anioic Acid  
JWH-081 5-Hydroxy Pentyl  
JWH-122 Hydroxy Pentyl  
JWH-200 4-Hydroxyindole  
JWH-200 5-Hydroxyindole  
JWH-200 6-Hydroxyindole  
JWH-203  
JWH-210 Hydroxy Pentyl  
JWH-250 5-Hydroxy Pentyl  
JWH-250 5-Hydroxyindole  
JWH-250 Pent Anioic Acid

JWH-398 Pentanoic Acid  
MAM-2201 Pentanoic Acid  
PB-22 3-Carboxyindole Metabolite  
RCS-4 5-Hydroxy Pentyl  
RCS-4 Pentanoic Acid  
RCS-8 4-Methoxy  
UR-144 Degradant Pentanoic Acid  
UR-144 Pentanoic Acid  
XLR-11 4-Hydroxy Pentyl

6. What is commonly known as "Ecstasy," including but not limited to the following:

MDA-Methylenedioxyamphetamine  
MDEA-Methylenedioxyethylamphetamine  
MDMA-Methylenedioxymethamphetamine

SO ORDERED, this the 16 day of May, 2019.



Hon. William D. Donan, Chair  
Mine Safety Review Commission