

## **AFC OIL/WATER SEPARATOR: 50 & 150 GPM TREATMENT RATES**

### REFERENCE STANDARDS

- 1) G30.12-M1977, 'BILLET STEEL BARS FOR CONCRETE REINFORCEMENT'
- 2) CAN/CSA-A23.1-00, 'CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION' WITH SUPPLEMENTS.
- 3) CAN/CSA-A23.1-00, A23.2-00 'METHODS OF TEST FOR CONCRETE'
- 4) CAN/CSA-B66-05, 'PREFABRICATED SEPTIC TANKS AND SEWAGE HOLDING TANK'

### **GENERAL NOTES:**

- 1) CONCRETE COMPRESSIVE STRENGTH = 30MPa AT 28 DAYS.
- 2) COARSE AGGREGATE SIZE = 2.5mm to 20mm.
- 3) TENSILE STRENGTH OF REINFORCEMENT STEEL = 400MPa.
- 4) BREAKING STRENGTH OF LIFTING CABLES = 9800Lbs (4455Kg) EACH. (FOUR PER TANK OR LID)
- 5) FOUR TAILED CHAINS SHOULD BE USED FOR LIFTING THE LID & TANK INTO PLACE TO ENSURE VERTICAL LIFTING FORCE AT LIFTING LOCATIONS, AND PREVENT POSSIBLE DAMAGE TO THE SEPARATOR.
- 6) DEAD WEIGHT OF OIL SEPARATOR = 9760Lbs (4436Kg).  
LID = 3085Lbs (1402Kg)  
TANK = 6675Lbs (3034Kg)

### **PATENT & COPYRIGHT INFORMATION**

- 1) US PATENT No. IS 6,079,571 AND THE CANADIAN PATENT No. IS 2,252,307.  
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### **NOTES:**

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