

# Fuel Load Information

Project Number  
035-S-075-1

Client  
Arada





Date  
2/14/2017

Firebox Volume (ft<sup>3</sup>) 1.57

Assessment No

Longest useable measurement parallel or perpendicular to front of unit. 21.25

Test Fuel Charge Range 9.9 - 12.1  
Coal bed range (lbs) 2.30 - 2.80

| Vol ≤ 1.5 ft <sup>3</sup>   | Vol > 1.5 ≤ 3.0 ft <sup>3</sup>   | Vol > 3.0 ft <sup>3</sup>   |
|---|---|---|
|  |  |  |
|  |   |   |

Fuel Piece Length 17.50 Inches

Run # 1

| Test Run Fuel Moisture (db) |      |      |      |    | Hydronic Heater |              | AVG (%) |        | Weight Without Cleats (Lbs) |  |
|-----------------------------|------|------|------|----|-----------------|--------------|---------|--------|-----------------------------|--|
| Piece                       | S1   | S2   | S3   | S4 | S5              | S6           |         |        | Fuel                        |  |
| 1                           | 23.2 | 23.8 | 23.8 |    |                 |              | 23.6    |        | 4.43                        |  |
| 2                           | 19.2 | 19.7 | 20.2 |    |                 |              | 19.7    |        | 1.61                        |  |
| 3                           | 20.2 | 20.4 | 19.9 |    |                 |              | 20.2    |        | 1.79                        |  |
| 4                           | 19.1 | 19.0 | 19.0 |    |                 |              | 19.0    |        | 1.94                        |  |
| 5                           |      |      |      |    |                 |              |         |        |                             |  |
| 6                           |      |      |      |    |                 |              |         |        |                             |  |
| 7                           |      |      |      |    |                 |              |         |        |                             |  |
| 8                           |      |      |      |    |                 |              |         |        |                             |  |
| 9                           |      |      |      |    |                 |              |         |        |                             |  |
| 10                          |      |      |      |    |                 |              |         |        |                             |  |
| 11                          |      |      |      |    |                 |              |         |        |                             |  |
| 12                          |      |      |      |    |                 |              |         |        |                             |  |
| 13                          |      |      |      |    |                 |              |         |        |                             |  |
| 14                          |      |      |      |    |                 |              |         |        |                             |  |
| 15                          |      |      |      |    |                 |              |         |        |                             |  |
| Spacer Average              | 20.5 |      |      |    |                 | Fuel Average | 20.6    | Total: | 10.9lbs                     |  |

Signature

Date