

# CERTIFICATE OF CLEANROOM CLASSIFICATION

The Air Quality of this Assembly Room Located at  
Mogas Industries of Houston, TX.  
Meets the Criteria Set Forth in International Std 14644-1,  
Cleanliness Class ISO 5 for .5 Microns at Rest.  
Test Date: 05/04/2023  
Expires: 05/31/2024

MOGAS INDUSTRIES  
14330 E. HARDY  
HOUSTON, TX 77039

TECHSCAN INC.  
PO BOX 189  
MANCHACA, TX. 78652  
469-338-5956



MOGAS  
14330 E. Hardy St.  
Houston, TX 77039

**ROOM DATA:**

ISO 14644-1  
ASSEMBLY

JOB # 70023-1

DATE: 5/4/2023

SAMPLE HEIGHT 36"

PARTICLE SIZE(MICRONS)= 0.5

AT REST ROOM CLASS= 5

MINIMUM SAMPLE VOLUME/LOCATION (LITERS)= 5.68

ACTUAL SAMPLE VOLUME/LOCATION (LITERS) = 28.30

ROOM AREA FT<sup>2</sup>= 665

ROOM AREA M<sup>2</sup>= 61.8

MINIMUM SAMPLE LOCATIONS= 12

SAMPLE CONCENTRATION BELOW (/M<sup>3</sup>)

COUNT AT SAMPLE LOCATION 1= 671

COUNT AT SAMPLE LOCATION 2= 707

COUNT AT SAMPLE LOCATION 3= 212

COUNT AT SAMPLE LOCATION 4= 141

COUNT AT SAMPLE LOCATION 5= 212

COUNT AT SAMPLE LOCATION 6= 212

COUNT AT SAMPLE LOCATION 7= 247

COUNT AT SAMPLE LOCATION 8= 1767

COUNT AT SAMPLE LOCATION 9= 247

COUNT AT SAMPLE LOCATION 10= 35

COUNT AT SAMPLE LOCATION 11= 1131

COUNT AT SAMPLE LOCATION 12= 424

AVERAGE OF COUNTS= 501

**TEST EQUIPMENT:**

TSI MODEL 9310-02

S/N 93102205011

CAL DATE 03/2023

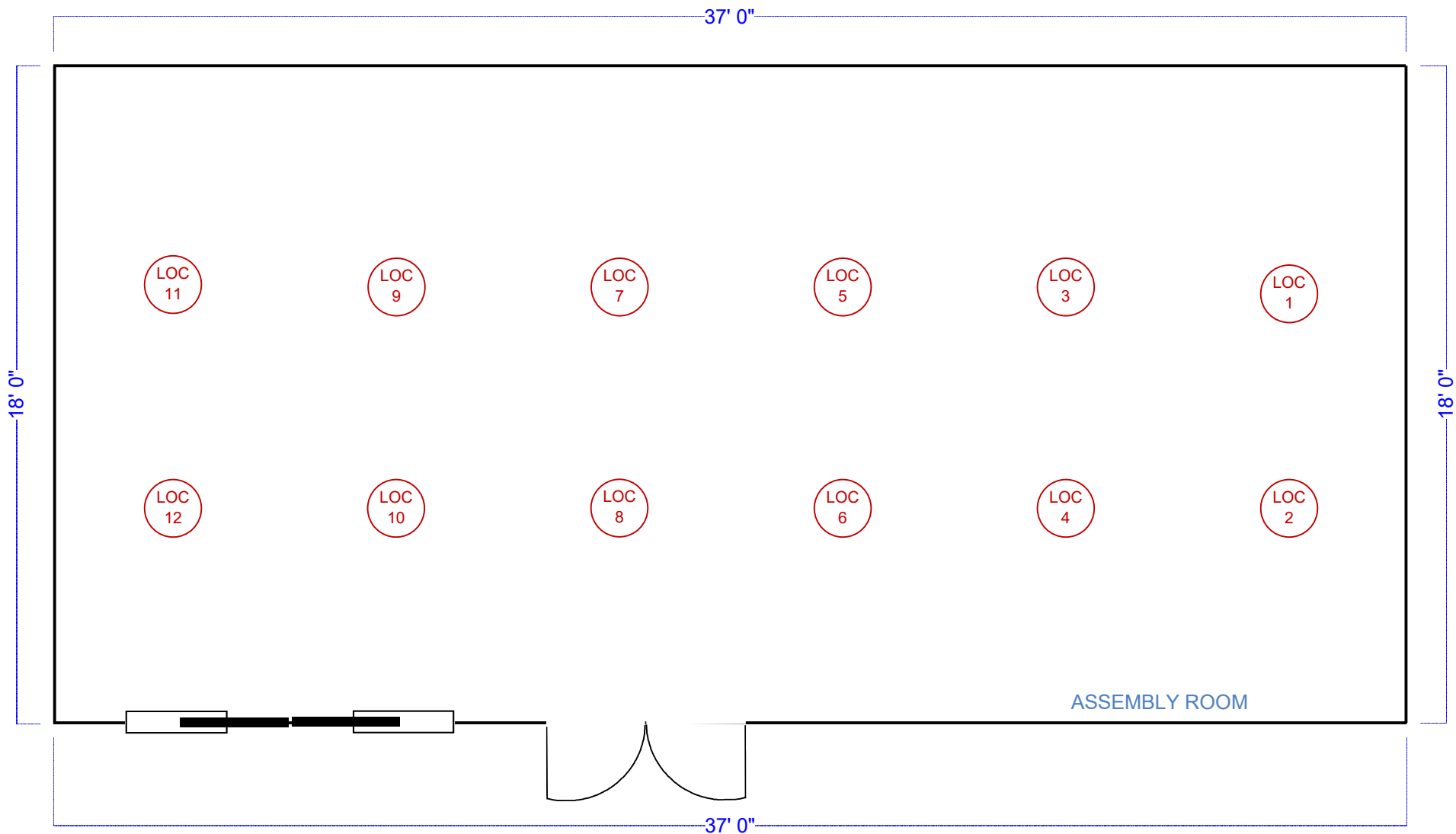
NEXT CAL DATE 03/2024

Criteria for Testing: ISO 14644-1 2015. Your ASSEMBLY room at rest meets ISO Class 5. The concentration limit for this ISO class is 3520 particles/m<sup>3</sup> at .5 microns. Because every individual location count is below the concentration limit for the ISO class designated, the room meets its designated ISO classification.

If you have any questions concerning this report you may contact us at 469-338-5956.

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HOUSTON, TX. 77039

**TECHSCAN INC.**  
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# CERTIFICATE OF CLEANROOM CLASSIFICATION

The Air Quality of this Clean/Blackout Room Located at  
Mogas Industries of Houston, TX.  
Meets the Criteria Set Forth in International Std 14644-1,  
Cleanliness Class ISO 5 for .5 Microns at Rest.  
Test Date: 05/04/2023  
Expires: 05/31/2024

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HOUSTON, TX 77039

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MOGAS  
14330 E. Hardy St.  
Houston, TX 77039

**ROOM DATA:**

ISO 14644-1  
CLEAN BLACKOUT

JOB # 70023-2

DATE: 5/4/2023

SAMPLE HEIGHT 36"

PARTICLE SIZE(MICRONS)= 0.5

AT REST ROOM CLASS= 5

MINIMUM SAMPLE VOLUME/LOCATION (LITERS)= 5.68

ACTUAL SAMPLE VOLUME/LOCATION (LITERS) = 28.30

ROOM AREA FT<sup>2</sup>= 444

ROOM AREA M<sup>2</sup>= 41.3

MINIMUM SAMPLE LOCATIONS= 10

SAMPLE CONCENTRATION BELOW (/M<sup>3</sup>)

COUNT AT SAMPLE LOCATION 1= 177

COUNT AT SAMPLE LOCATION 2= 212

COUNT AT SAMPLE LOCATION 3= 1060

COUNT AT SAMPLE LOCATION 4= 707

COUNT AT SAMPLE LOCATION 5= 106

COUNT AT SAMPLE LOCATION 6= 71

COUNT AT SAMPLE LOCATION 7= 35

COUNT AT SAMPLE LOCATION 8= 353

COUNT AT SAMPLE LOCATION 9= 247

COUNT AT SAMPLE LOCATION 10= 777

AVERAGE OF COUNTS= 375

**TEST EQUIPMENT:**

TSI MODEL 9310-02

S/N 93102205011

CAL DATE 03/2023

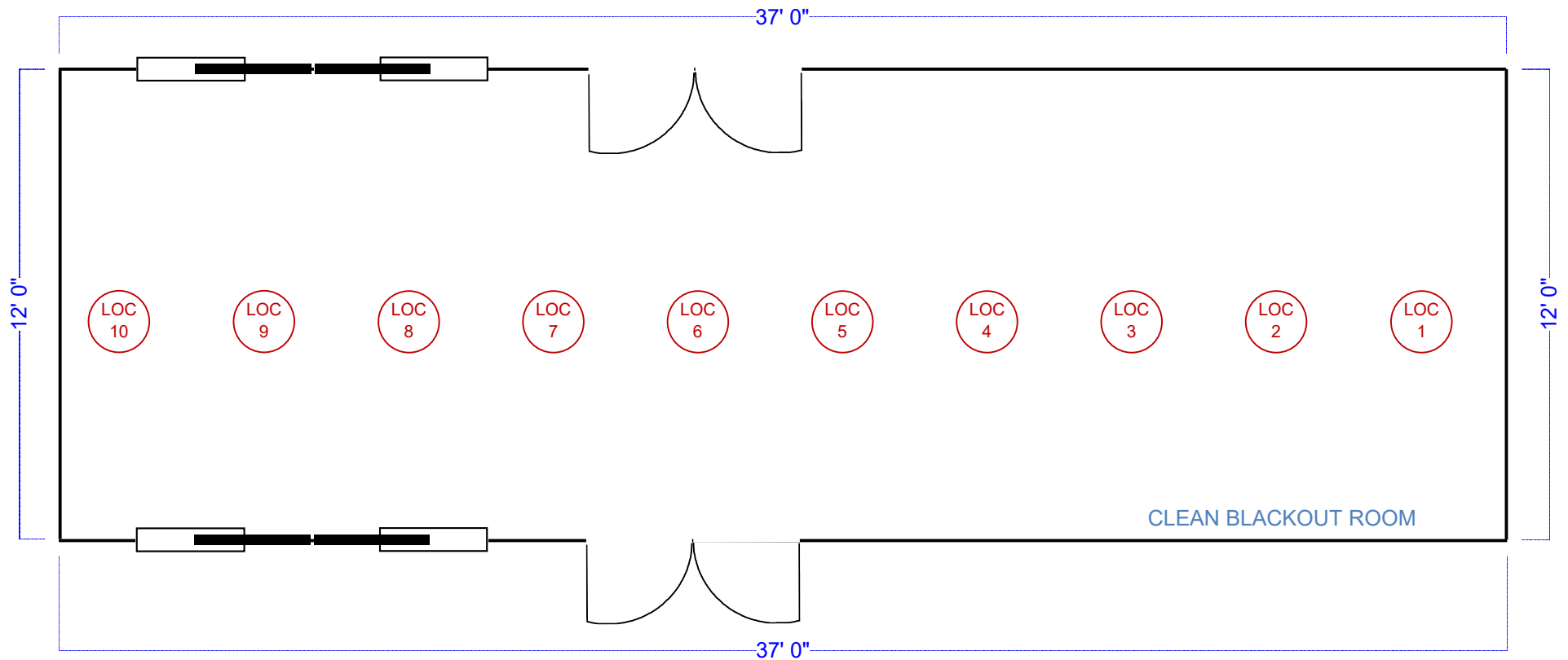
NEXT CAL DATE 03/2024

Criteria for Testing: ISO 14644-1 2015. Your CLEAN/BLACKOUT room at rest meets ISO Class 5. The concentration limit for this ISO class is 3520 particles/m<sup>3</sup> at .5 microns. Because every individual location count is below the concentration limit for the ISO class designated, the room meets its designated ISO classification.

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MOGAS  
14330 E. Hardy St.  
Houston, TX 77039

**ROOM DATA:**

ISO 14644-1  
GOWN/STAGING

JOB # 70023-3

DATE: 5/4/2023

SAMPLE HEIGHT 36"

PARTICLE SIZE(MICRONS)= 0.5

AT REST ROOM CLASS= 5

MINIMUM SAMPLE VOLUME/LOCATION (LITERS)= 5.68

ACTUAL SAMPLE VOLUME/LOCATION (LITERS) = 28.30

ROOM AREA FT<sup>2</sup>= 296

ROOM AREA M<sup>2</sup>= 27.5

MINIMUM SAMPLE LOCATIONS= 5

SAMPLE CONCENTRATION BELOW (/M<sup>3</sup>)

COUNT AT SAMPLE LOCATION 1= 636

COUNT AT SAMPLE LOCATION 2= 283

COUNT AT SAMPLE LOCATION 3= 212

COUNT AT SAMPLE LOCATION 4= 318

COUNT AT SAMPLE LOCATION 5= 283

COUNT AT SAMPLE LOCATION 6= 495

COUNT AT SAMPLE LOCATION 7= 141

AVERAGE OF COUNTS= 338

**TEST EQUIPMENT:**

TSI MODEL 9310-02

S/N 93102205011

CAL DATE 03/2023

NEXT CAL DATE 03/2024

Criteria for Testing: ISO 14644-1 2015. Your GOWN/STAGING room meets an at rest ISO Class 5 classification. The concentration limit for this ISO class is 3520 particles/m<sup>3</sup> at .5 microns. Because every individual location count is below the concentration limit for the ISO class designated, the room meets its designated ISO classification.

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# CERTIFICATE OF CLEANROOM CLASSIFICATION

The Air Quality of this Gowning/Staging Room Located at  
Mogas Industries of Houston, TX.

Meets the Criteria Set Forth in International Std 14644-1,  
Cleanliness Class ISO 5 for .5 Microns at Rest.

Test Date: 05/04/2023

Expires: 05/31/2024

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