



**PATRIOT ENGINEERING  
and Environmental, Inc.**

300 Production Court  
Louisville, Kentucky 40299  
Ph: (502) 961-5652 Fax (502) 961-9256

# Report of Compressive Strength

ASTM C39

Original

Amended

Project Name: Panda Industries - Lab Testing

Client: Panda Industries

Project Number: 22-0529-05C

Date Issued: May 26, 2022

**Project Information** **Supplier Information**

Date of concrete placement: April 28, 2022

Structure type: \_\_\_\_\_

Total: \_\_\_\_\_ yards<sup>3</sup>      Cumulative: \_\_\_\_\_ yards<sup>3</sup>

Location of placement: \_\_\_\_\_

\_\_\_\_\_

Concrete contractor: \_\_\_\_\_

Concrete Supplier: \_\_\_\_\_

Mix Number: \_\_\_\_\_

Ticket Number: \_\_\_\_\_

Truck Number: \_\_\_\_\_

Batch Time: \_\_\_\_\_

Placement Time: \_\_\_\_\_

**Plastic Concrete Data**

**Hardened Concrete Data**

Air Temp: \_\_\_\_\_ °F      Slump: \_\_\_\_\_ ASTM C143

Concrete Temp: \_\_\_\_\_ °F      ASTM C1064

Unit Weight: \_\_\_\_\_ ASTM C 138

Air Content: \_\_\_\_\_ ASTM C173/C231

Ad Mixtures: \_\_\_\_\_

Test Cylinders Cast By: M. Dockery

Specified Strength at 28 days: 4000

Sample Size: 4x8

Tested By: K. Smith

Report By: K. Smith

**Compressive Strength Information**

Cylinder Number	Date Received	Date Tested	Age (Days)	Diameter (inches)	Length (inches)	Area (sq in)	Load (lbs)	Comp Str (psi)	Break Type
1659	4/28/2022	3-May	7	4.00	8.00	12.57	35400	2820	2
1660	4/28/2022	3-May	7	4.00	8.00	12.57	37720	3000	2
1661	4/28/2022	3-May	7	4.00	8.00	12.57	39080	3110	2
1662	4/28/2022	3-May	7	4.00	8.00	12.57	36670	2920	2
1663	4/28/2022	24-May	28	4.00	8.00	12.56	47800	3810	3
1664	4/28/2022	24-May	28	4.00	8.00	12.56	42460	3380	2
1665	4/28/2022	24-May	28	4.00	8.00	12.56	45780	3640	2
1666	4/28/2022	24-May	28	4.00	8.00	12.56	45690	3640	3

<b>28 Day Average</b>	<b>3620</b>
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ASTM C1231/C 1231M-10

ASTM C617-09a

Remarks: These were just test breaks, there is no hold.

Reported By: G. M. Vaught  
Branch Manager/Principal

**Set 1**