



# JOB SAFETY ANALYSIS

|   |                          |   |   |
|---|--------------------------|---|---|
| <b>Activity Name:</b> Pressurized Ageing Vessel   |                          | <b>Activity Number:</b> R28   |   |
| <b>Activity Description &amp; Purpose:</b> This practice covers the accelerated aging (oxidation) of asphalt binder by means of pressurized air and elevated temperature. |                          |   |   |
| <b>Date Prepared:</b> 6/12/2009   |                          | <b>PPE Required</b>   |   |
| <b>Typical Equipment</b>  |                          | <b>Typical Crew Size:</b><br>(Crew sizes may vary due to different conditions throughout the state).<br><br>1 | <b>Typical Material</b>                         |
| Description   | Class Code               |   |   |
| See associated test procedure   |                          |   | Performance Graded Binder                       |
|   |                          | <b>Safety glasses/Hardtoe boots/Heat resistant gloves/Heat resistant apron</b>                                |   |
| <b>Sequence of Job Tasks</b>  | <b>Potential Hazards</b> | <b>Safe Job Procedures</b>  | <b>Never</b>                                    |
| 1. Pour sample into PAV pans  | Burns                    | Wear all personal protective equipment.   | Handle hot binder without gloves or can clamps. |
| 2. Seal PAV and start pressurizing  | Burns                    | Wear all personal protective equipment.   | Handle hot binder without gloves or can clamps. |
| 3. Take sample out of PAV and place pans in oven  | Burns                    | Wear all personal protective equipment.   | Handle hot binder without gloves or can clamps. |
| 4. Scrape pans into tin.  | Burns                    | Wear all personal protective equipment.   | Handle hot binder without gloves or can clamps. |
| 5. Vacuum samples   | Burns                    | Wear all personal protective equipment.   | Handle hot binder without gloves or can clamps. |
| 6. Pour molds needed  | Burns                    | Wear all personal protective equipment.   | Handle hot binder without gloves or can clamps. |
|   |                          |   |   |
|   |                          |   |   |
|   |                          |   |   |
|   |                          |   |   |
|   |                          |   |   |
|   |                          |   |   |
|   |                          |   |   |
|   |                          |   |   |
|   |                          |   |   |
|   |                          |   |   |
|   |                          |   |   |



# JOB SAFETY ANALYSIS

**Activity Name:** Pressurized Ageing Vessel **Activity Number:** R28

**Activity Description & Purpose:** This practice covers the accelerated aging (oxidation) of asphalt binder by means of pressurized air and elevated temperature.

**Date Prepared:** 6/12/2009 **PPE Required**

| Typical Equipment             |            | Typical Crew Size:<br>(Crew sizes may vary due to different conditions throughout the state). | Typical Material          |            | Safety glasses/Hardtoe boots/Heat resistant gloves/Heat resistant apron |
|-------------------------------|------------|---|---------------------------|------------|---|
| Description                   | Class Code |   | Description               | Class Code |   |
| See associated test procedure |            | 1   | Performance Graded Binder |            |   |

| Sequence of Job Tasks | Potential Hazards | Safe Job Procedures | Never |
|-----------------------|-------------------|---------------------|-------|
|                       |                   |                     |       |
|                       |                   |                     |       |
|                       |                   |                     |       |
|                       |                   |                     |       |
|                       |                   |                     |       |
|                       |                   |                     |       |
|                       |                   |                     |       |
|                       |                   |                     |       |
|                       |                   |                     |       |
|                       |                   |                     |       |

| Notes and Specifications Instructions |  | Other Related Resources |  |
|---------------------------------------|--|-------------------------|--|
|                                       |  |                         |  |
|                                       |  |                         |  |
|                                       |  |                         |  |
|                                       |  |                         |  |
|                                       |  |                         |  |
|                                       |  |                         |  |
|                                       |  |                         |  |
|                                       |  |                         |  |
|                                       |  |                         |  |
|                                       |  |                         |  |

