

# JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

## RECREATIONAL SPORTS - CAL ADVENTURES REFUELING GAS CADDIE

| TASK                                               | HAZARDS                       | CONTROLS                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Load empty gas caddie in back of pick-up truck. | Back injury.                  | Bend knees to lessen pressure on lower back.<br>Use legs as source of power to lift gas caddie.<br>See the Lifting Heavy Objects JSA.                                                                                                                                                                                                                |
| 2. Lie gas caddie down and secure it to the truck. | Slips and falls               | Move slowly and carefully.                                                                                                                                                                                                                                                                                                                           |
| 3. Transport gas caddie to/from gas station.       | Injury from traffic accident  | See Operating Motorized Vehicle JSA for more information.                                                                                                                                                                                                                                                                                            |
| 4. Unscrew/screw top.                              | None foreseen.                |                                                                                                                                                                                                                                                                                                                                                      |
| 5. Fill gas caddie.                                | Exposure to fuel.             | See Handling/Transporting/Storing Chemicals and/or Fuel JSA for more information.                                                                                                                                                                                                                                                                    |
|                                                    | Burns from fire or explosion. | Keep all lighters, matches and any other articles with potential to spark or flame away from gas station.<br>Make sure nozzle is completely in gas caddie before pumping to prevent gas spills.<br>Keep nozzle facing up when taking to/from pump to prevent gas spills.<br>Be sure the caddie is secured to the truck before returning to the road. |
| 6. Unload gas caddie using hoist.                  | Back or muscle injury,        | Do not try to lift the caddie out of the truck<br>See Hoisting/Lowering Boats JSA for more information about using the lift.                                                                                                                                                                                                                         |

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|                                                                                                                                                        | 7. Roll gas caddie to desired location.                                                                                                                                                                                                                       | Injury from cars that are in operation in parking lot. | Make sure there are no occupied or operating cars before entering parking lot.<br>Proceed with caution. |
|                                                                                                                                                        |                                                                                                                                                                                                                                                               | Foot injury.                                           | Keep feet clear of gas caddie wheels.<br>Secure grip on gas caddie to prevent dropping.                 |
|                                                                                                                                                        | <b>Required Training:</b><br>Operating Motorized Vehicle<br>Handling/Transporting/Storing Chemicals and/or Fuel<br>Hoisting/Lowering Boats                                                                                                                    | <b>Required Personal Protective Equipment (PPE)</b>    |                                                                                                         |
| <b>Other Information:</b><br><b>Contributors:</b> Department of Recreational Sports<br><b>Created:</b> July 2004<br><b>JSA Library Number:</b> RS-CA-5 | For more information about this JSA, contact the <i>Office of Environment, Health and Safety</i> at UC Berkeley, 317 University Hall #1150, Berkeley, CA 94720-1150<br>(510) 642-3073 ● <a href="http://www.ehs.berkeley.edu">http://www.ehs.berkeley.edu</a> |                                                        |                                                                                                         |