

September 15, 2004

Renette Anderson  
Utah DEQ  
168 North 1950 West  
Salt Lake City, Utah

Dear Renette:

On behalf of the Autoliv North America, Ogden facility, thank you for the opportunity to apply for admittance into *Clean Utah!* Partner Level. It has been a pleasure for me to be involved in the *Clean Utah!* stakeholder group and be able to see this program begin. The management of the Ogden facility has granted full support for the application of and participation in this program.

I felt that the Autoliv Ogden facility would be the best candidate for the initial startup of *Clean Utah!* I hope to provide assistance to the other Autoliv facilities in Utah with participation in the program after this initial startup.

Any feedback on this application would be appreciated since it is our first one. If you have any questions, please call me at (801) 771-9365.

Sincerely,



Daren B. Koldewyn, CHMM  
Environmental Engineer

Enclosures

1. *Clean Utah!* Partner Level Application
2. ISO 14001 Certificate, Smithers Quality Assessments, Inc.
3. Project Information



## Environmental Permits

You are eligible to participate in Clean Utah if you are governed by federal, state, or local environmental regulations.

### *For a Permitted Business:*

List the environmental permits you hold. Attach additional sheets if more space is needed. If you are applying as a multiple facility, make sure the information is complete for all facilities to be covered by the Clean Utah! designation.

Type of Permit:	Permit Number:	Issued by:
EPA Identification Number	UTD056094873	DEQ Division of Solid & Hazardous Waste
Approval Order	DAQE-AN0025008-03	DEQ Division of Air Quality
Storm Water Permit	UTR000566	DEQ Division of Water Quality
Discharge Permit	IPP032	Central Weber Sewer Improvement District
Radioactive Material Licenses	UT2900398 UT2900435	DEQ Division of Radia- tion Control

### *For a Small Business:*

In some cases, small businesses are exempted from permit requirements because of the size of the operation. They may still be required to meet certain federal or state environmental regulations, such as record keeping and pollution prevention steps.

Let us know, in the space below, which environment regulations apply to you and what steps you take to assure your operation meets applicable requirements.



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## Incentives

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- All participants:** DEQ-initiated publicity  
Annual meeting with DEQ policy leaders.
- Partner Level:** Use of the Clean Utah! Partner logo  
Negotiated incentives
- Possibilities:** Selected permit enhancements (indicate specifically what you are seeking)
- Facility specific incentives (indicate specifically what you are seeking)
- (Water Quality/Drinking Water Projects Only) - Recommendation for a reduced percentage or higher priority on loan funds. (This incentive is conditional, based on the approval of the appropriate Board)
- Low Priority for Routine Inspections
- Self audit
- Other incentives offered by EPA to its Performance Track participants.  
(See website)

In the space below, indicate the incentives you are interested in receiving in return for your participation. If facility-specific incentives are selected, indicate what it is you are seeking. Please rank order your preferences, with one being the most preferred.

1. **Fast-Track permitting for air permit (Approval Order) modifications.**  
(Modifications have occurred in the past approximately every two years)
  
2. **Low priority for routine inspections.**
  
- 3.

### Note

The granting of incentives is at the discretion of DEQ, based on site-specific conditions, the strength of the proposed environmental projects, and the ability of the applicable DEQ program to provide the requested incentive.

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## Terms and Conditions

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Acceptance as a Partner Level participant entitles my facility to:

- display the Clean Utah! logo at our place of business and in facility-related publicity. I understand that if my company has multiple facilities in Utah, only those locations covered by the approved application are eligible to use this logo.
  
- participate in DEQ-initiated publicity and in an annual meeting with DEQ policy leaders. Other incentives will be negotiated, based on the requests outlined in this application. I understand that final approval will be outlined in a signed Incentive Agreement and is subject to site-specific conditions and the ability of the applicable DEQ program to provide the incentive.

As a Partner Level participant, I agree to:

- remain in compliance with applicable environmental regulations. I understand that failure to do so may be grounds for removal.
  
- continue our EMS process and actively work on approved Clean Utah! projects.
  
- submit an Annual Report, certifying ongoing compliance and including a summary of project commitments, accomplishments to date, major indicators of environmental improvements, and a plan for the upcoming year
  
- conduct appropriate public outreach activities, as outlined in the Clean Utah! policy.

All **Clean Utah!** participants agree to remain in compliance with applicable environmental regulations. Failure to do so may be grounds for removal.

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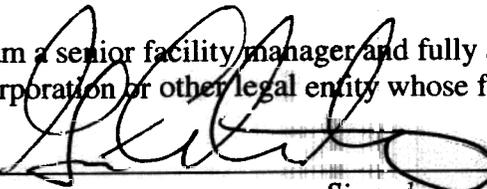
### Certification Statement

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*(to be signed by a senior facility manager)*

I have read and agree to the terms and conditions for participation in the Clean Utah Program as described in the Clean Utah! policy and application. I have personally examined and am familiar with the information contained in this application and it is, to the best of my knowledge and based on reasonable inquiry true, accurate and complete and I have no reason to believe the facility would not meet all program requirements. I agree that Utah DEQ's decision whether to accept participants into or remove them from Clean Utah! is wholly discretionary.

I am a senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

  
\_\_\_\_\_  
Signed

Sept 15, 2004  
\_\_\_\_\_  
Date

Guy Letendre  
\_\_\_\_\_  
Print Name

Vice President  
\_\_\_\_\_  
Title

(801) 625 7092  
\_\_\_\_\_  
Telephone

Guy.Letendre@AuroraUSA.org  
\_\_\_\_\_  
E-mail address

## Autoliv North America Alternative Fuel Project

In an attempt to reduce fuel emissions and costs, Autoliv North America will convert the passenger shuttle van from gasoline to natural gas. The van is used to shuttle employees and visitors between the Ogden and Module facilities located in Ogden, Utah. The van drives continuously between the two facilities during business hours five days a week.

**Suggested Project:** Transportation Management

**Ogden Facility Environmental Aspect:** Gas (Vehicle Emissions)

**Shuttle conversion outline:** Progress will be determined by completing the following tasks.

- Appropriate funding
- Make arrangements with conversion company
- Convert shuttle to natural gas
- Create a unique design to mark the van indicating it is a clean fuel vehicle.

**Permits or Special Provisions:** None

### **Project Significance:**

Autoliv North America has operated a shuttle van between the Ogden and Module facilities and other various shuttle routes for many years. All of the shuttle vehicles have been gas operated; thus, releasing hydrocarbon emissions into the environment. Autoliv will attempt to reduce these hydrocarbon emissions by converting one shuttle vehicle to natural gas. If successful, more vehicles could be converted eliminating a larger quantity of emissions. This project is completely voluntary and will be supported by management because it is considered to be the right thing to do.

**Public Participation:** Since this is the first project under the Partner Level for Autoliv, the Public Participation element of the application is not well understood.

DEQ is welcome to include this information on the *Clean Utah!* website to share it with other interested parties.

Autoliv anticipates marking the converted shuttle van with a design and wording to indicate that the van is a natural gas vehicle. The *Clean Utah!* logo would be an appropriate marking to display on the van.

## Cushion Fabric Recycling

The Autoliv North America Ogden facility has a research and development center and service parts center for designing, cutting and sewing nylon airbags (cushions) for various airbag models. As a result of this work, scrap cushions and cushion fabric have historically been discarded as solid waste into the landfill. The basis for this project is to collect and recycle the scrap cushions and fabric with a recycler that will accept the material. By doing so, the Ogden facility will redirect this waste stream from the landfill.

**Core Project:** Waste Reduction

**Ogden Facility Environmental Aspect:** Fabric – Nylon (Cushion Fabric)

**Cushion Fabric Recycling Outline:** See attached Autoliv Environmental Aspects Evaluation Form, Objectives & Targets Section. The attached form is the standard for the Ogden facility to identify aspects, score aspects, develop Objectives & Targets, and track objectives and targets. These forms are located in a lotus notes database designed specifically for the purpose of controlling and maintaining important ISO 14001 EMS information.

**Project Significance:**

The Autoliv Ogden facility has taken responsibility to recycle every waste stream possible. Recycling waste cushions and fabric has been difficult because a recycling vendor has not been easily identified. Now that a recycler has been identified, a large quantity of scrap fabric will no longer be disposed of in a landfill. The scrap fabric will be monitored to determine the approximate quantity being recycled.

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Environmental Aspects Evaluation

Facility: Ogden EMS Coordinator: Karen Bascom (801) 625-700

Department: Ogden  
 Process Category: Cushion  
 Aspect: Fabric- Nylon  
 Aspect Description:  
 Output/Byproduct: Scrap  
 Disposal Method: Recycle

**Comments**  
 Added aspect on 9/14/04

**Evaluation Scoring Section**

Aspect Scoring	Add	Multiply	Manual	Evaluation Complete	
Quantity Released/Disposed	Stakeholder Interest	Cost to Manage	Environmental Hazard	Yes	No
Minor	Minor	Minor	Minor	<input checked="" type="radio"/>	<input type="radio"/>
		1	1		
<b>Aspect Total Score:</b>				<b>1</b>	
<b>Impact Total Score:</b>					

Is this a Significant Aspect?  Yes  No  
 Is this a Significant Impact?  Yes  No

**Objectives & Targets Section**

**(click on bar to expand section)**

Target Originated On: 09/14/2004  
Target Date: 11/01/2004  
Responsible Person: Karen Bascom & Kim Nelson

**Objective**

Research ways to recycle the scrap nylon fabric.

**Justification**

Currently the scrap fabric is being thrown in the garbage which is taken to the landfill at a cost to Autoliv (\$ per ton). The recycling center on 12th street has told us that we can send our scrap fabric to them and they will separate it and send it to be recycled. The scrap parts are sent to China and the shipping costs for this are paid for by the recycler (not Autoliv).

The cost savings will be realized in the following methods:

- 1) Impact on the land fills- we will no longer be throwing this material in the garbage which goes to the landfill.
- 2) We will save money for the reduction in garbage that is taken to the landfill by Green Disposal.
- 3) Autoliv will receive .18 cents back for every pound recycled.

Cost savings will be formalized when a months worth of data has been collected. (by 10/14/04)

**Target**

Recycle 100% of the scrap nylon fabric.

**Plan (includes Means & Resources)**

1. Call Joyce Cunnington at the 12th Street Recycling Center to see if recycling this fabric is feasible.
  - a. Target Date: 7/21/04
  - b. Completion Date: 7/21/04
  - c. Responsibility: Kim Nelson
2. Obtain a jit to place the fabric in and make arrangements with the 12th Street Recycling Center to pick them up
  - a. Target Date: 8/1/04
  - b. Completion Date: 8/1/04
  - c. Responsibility: Kim Nelson
3. Obtain cost reduction information from Joyce Cunnington and Dave Bankhead
  - a. Target Date: 9/20/04
  - b. Completion Date:
  - c. Responsibility: Karen BascomContacted Joyce on 9/14/04 and received the amount. Waiting to hear back from Dave Bankhead.
4. Monitor weight of jits for one month in order to figure out cost savings.
  - a. Target Date: 10/14/04
  - b. Completion Date:
  - c. Responsibility: Kim Nelson/ Karen Bascom

Site Manager Approval: Guy Letendra/UT/ASP      Approve      Reject

**Summary of Supporting Data**

Attachments

Target Achieved ?      (Complete this field when Objective & Target is ready to close)  
 Yes     No

Opened

# Smithers Quality Assessments, Inc.

## CERTIFICATE OF APPROVAL

*This is to Certify that the Environmental Management System of:*

**AUTOLIV, INC.**

3350 Airport Road  
Ogden, Utah 84405

*(Page 1 of 3; see Appendix)*

*has been assessed and approved by Smithers Quality Assessments, Inc., to the following environmental management system standards and requirements:*

**ISO 14001, 1996**

*The Environmental Management System is Applicable to:*

*The Design and manufacture of automotive safety equipment such as inflators, airbag modules, seatbelts, steering wheels, pyrotechnic materials and subcomponents. Also test labs supporting customer and validation testing with Design, Contract Review and Purchasing provided by the Auburn Hills, Michigan and Ogden, Utah facilities.*

Approval  
Certificate Number: 03.218.1



The use of the accreditation mark indicates accreditation in respect of those activities covered by The Accreditation Certification Number 03.218.1.

Original Approval: August 5, 2003

Current Certificate: August 5, 2003

Certificate Expires: August 5, 2006

  
on behalf of SQA - J. Michael Hochschwender, President

*The approval is subject to the company maintaining its system to the required standards which will be monitored by Smithers Quality Assessments, Inc., 425 W. Market St., Akron, Ohio 44303-2099.*

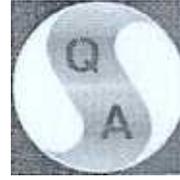


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# APPENDIX

## TO THE CERTIFICATE OF REGISTRATION

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SMITHERS QUALITY ASSESSMENTS, INC.

*Appendix 1 to Certificate of Registration No. 03.218.1  
Page 2 of 3*

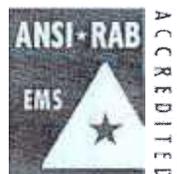
**Autoliv, Inc.**  
3350 Airport Road  
Ogden, Utah 84405, U.S.A.

*is certified by Smithers Quality Assessments, Inc. with regard to ISO 14001:1996*

*In addition to the corporate office in Ogden, Utah, the following sites have been witnessed and found to be in compliance with the applicable elements of ISO 14001:1996:*

**Locations:**

- Ogden Technical Center (OTC), Ogden, Utah (SQA #Q-844)  
(design and limited production of inflators)
- Columbia City Steering Wheel Facility (AWC), Columbia City, Indiana (SQA #Q-840)  
(modules and steering wheels)
- Brigham City Inflator Facility (IBC), Brigham City, Utah (SQA #Q-845)  
(inflators and subcomponents)
- Auburn Hills Technical Center (NTC), Auburn Hills, Michigan (SQA #Q-839)  
(design and test labs supporting customer and validation testing)
- Tijuana seatbelt facility (AMS) Tijuana, BC, Mexico (SQA #Q-849)  
(seatbelts and components)
- Promontory facility (PRO), Promontory, Utah (SQA #Q-847)  
(inflator pyrotechnic materials)
- Kentucky seatbelt facility (ABK), Madisonville, Kentucky (SQA #Q-852)  
(seatbelts and subcomponents)
- Module facility (AOM), Ogden, Utah (SQA #Q-842)  
(airbag modules and subcomponents)
- Autoliv Components Mexico (CMX), El Marques, Queretaro, Mexico (SQA #Q-851)  
(airbag cushions)



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# APPENDIX

## TO THE CERTIFICATE OF REGISTRATION

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SMITHERS QUALITY ASSESSMENTS, INC.

*Appendix 1 to Certificate of Registration No. 03.218.1*  
*Page 3 of 3*

Steering Wheel Facility Mexico (AWM), El Marques, Queretaro, Mexico (SQA #Q-964)  
(airbag modules and steering wheel molding and leather wrap)  
Autoliv, Mexico, S.A. de C.V. (AMX), El Marques, Queretaro, Mexico (SQA #Q-850)  
(seatbelts and subcomponents)  
Autoliv ASP, Inc. (ITO), Tremonton, UT (SQA #Q-853)  
(inflator pyrotechnic materials)

*Original Approval: August 5, 2003*

*Current Certificate: August 5, 2003*

*Certificate Expires: August 5, 2006*

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J. Michael Hochschwender, President

*This appendix applies only to those sites listed above. As other sites are assessed and approved, or as sites already approved are removed from active services, this appendix will be amended to show the current status. Sites not listed on this appendix shall not be viewed as approved.*

