



ORGANIZATION OF AGREEMENT STATES (OAS) ANNUAL MEETING

August 18-22, 2024
 Santa Cruz, California
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 State of Colorado

Self-Assessment Tool

Colorado has developed a spreadsheet, based off the IMPEP questionnaire, that can be used as an annual self-assessment tool for an Agreement State program. Advantages of the tool include:

- Shortens time completing the IMPEP questionnaire since the information is compiled more frequently.
- Lessens the chance of an IMPEP team finding an issue during the review period that was missed when completing the IMPEP questionnaire.
- Allows for a continuity of information should a Program Manager retire or leave a program.
- Includes a calculation of overdue inspections based on SA-101.
- It is customizable for your State's program.
- Other items that may be reviewed periodically (example: dosimetry results) can be documented here.

Want a copy of the spreadsheet for your Program? Contact Phillip Peterson at phillip.peterson@state.co.us.

Colorado Program Review 2023	
General Items	Adequate/Inadequate/Notes/Comments
Director of open recommendations	X None
Organization chart from Governor to Radiation Control Program Director	X Gap from head of CDPHE to Division Director
Organization chart of radiation control program	X
Organization chart of DSO, LUPAC, program necessary (if different)	X No difference
Technical Staffing and Training	
Staffing plan	X See Staffing Plan tab
Has files for the year	X No new hires for 2023
Staff who aren't fully qualified	X See Training Summary tab
Any changes to qualification and training procedure	X No
Staff left during the year	X None
Any vacant positions + how long it has been vacant	X N/A
Any oversight board or committee which provides direction?	X Colorado Radiation Advisory Council
Status of Inspection Program	
Licenses inspected less frequently than IMC 2007	X No
Number of priority 1, 2, and 3 inspections for the year	X 44
Number of initial inspections for the year	X 7
Overdue inspections for the year	X See Overdue Inspections tab
Open overdue inspections	X See Overdue Inspections tab
Reciprocity inspections candidates / inspections completed	X 6 reciprocity inspections performed
Technical Quality of Inspections	
Any changes to the inspection procedures	X Pending revision based on STC 33-044
Supervisory arrangements	X See Inspection Accompaniment tab
Instrumentation, calibration, and laboratory capabilities	X No changes from previous IMPEP
Technical Quality of Licensing Actions	
Number of specific radioactive materials licenses	X 300
Any major, unusual, or complex licensing actions	X CO 369-01
Violations in licensing policies/procedures or exemptions from regulations granted	X Removed several variances for administering radioactive materials (Section 7.10.5.5 - no equivalent NRC req)
Any changes to the licensing procedures	X No
Any renewal applications currently open > 1 year?	X Yes, CSU/IMC 633367
Technical Quality of Incident and Allegations	
Event summary includes responsible events not previously reported to NRC?	X See Events table
Any changes to incident and allegation procedures	X No changes
Legislation, Regulations, and Other Program Elements	
Current effective legislation and any changes during the year	X No legislative changes
Regulations subject to "Sunset" provisions?	X Yes
State Regulation Status - any open RATS items?	X None

Licensee Name	License Number	Priority	Last inspection date	License issue date (Initial Inspections only)	Inspection Due Date	End of Inspection Window	Date Inspection Performed	Amount of Time Overdue	Date Inspection Findings Issued	Action plan for completing inspection (if currently open)
Overdue Inspections										
Calculation of overdue inspections (in accordance with SA-101 issued 9/15/2020) Priority 1, 2, and 3 inspections completed overdue (PCO): Priority 1, 2, and 3 inspections currently overdue (PU): Priority 1, 2, and 3 inspections completed ontime (PC): Initial inspections completed overdue (ICO): Initial inspections currently overdue (IU): Initial inspections completed ontime (IC): Overdue inspections: #DIV/0!										

Events summary for year 2023									
Licensee / Reporting Party Name	License Number	State	Tracking	National Event	Type of Event	Date of Event	Reported to NRC	Completed	National Report
Foothills Landfill	CO10002			Landfill / scrap	Landfill / scrap	3/8/2023	Y	Completed	
Foothills Landfill	CO10003			Landfill / scrap	Landfill / scrap	2/13/2023	N	not required	
ERAZ Rocky Mountain Steel	CO10004			Landfill / scrap	Landfill / scrap	2/20/2023	N	not required	
Children's Hospital Colorado	CO 079-02	CO	CO10006	230098	Contamination	3/7/2023	Y	Completed	Roon contamination
Western Metals	CO 1071-01	CO	CO10007	230138	Landfill / scrap	2/24/2023	N	not required	
Particle Measuring Systems	CO 1071-01	CO	CO10009	230138	Lost / abandoned / stolen	2/7/2023	Y	Completed	
Tower Landfill	CO10010			Landfill / scrap	Landfill / scrap	4/9/2023	N	not required	
Denver Scrap Metal Recycling Center	CO10011			230174	Landfill / scrap	4/18/2023	Y	Completed	Radiation source found. Need to update NNEED to reflect disposal of the gauge.
University of Colorado Hospital	CO 828-01	CO	CO10012	230221	Medical	5/18/2023	Y	Completed	Underdose. TherGadars. Need to update NNEED to reflect investigation & patient treatment.
Western Metals	CO 828-01	CO	CO10014	230230	Medical	5/24/2023	Y	Completed	Underdose. TherGadars. Need to update NNEED to reflect investigation & patient treatment.
Western Metals	CO 1001-01	CO	CO10015	230230	Landfill / scrap	5/25/2023	N	not required	
Sky Ridge Medical Center	CO 1003-01	CO	CO10016	230251	Contamination	6/12/2023	Y	Completed	Leaking source
Denver Art Museum	02.004493	CO	CO10017	230271	Lost / abandoned / stolen	6/22/2023	Y	Completed	
Yukonfield	CO 958-01	CO	CO10018	230278	Changed gauge	7/13/2023	N	not required	Gauge frame damaged but sources stayed in the shielded position. No leakage.
Hobson Coors	02.000462	CO	CO10019	230300	Changed gauge	5/22/2023	N	not required	Shuck shutter - shutter stuck closed
Rancher North America	02.001919	CO	CO10020	230300	Lost / abandoned / stolen	6/13/2023	Y	Completed	Type in local NNEED for vent date, corrected
Buckhorn Engineering	CO 916-01	CO	CO10024	230304	Changed gauge	6/20/2023	N	not required	Gauge handle damaged but sources returned to the shielded position.
Swandrite Golf Inc.	02.002724	CO	CO10025	230320	Lost / abandoned / stolen	7/10/2023	Y	Completed	
ETX Thomson	CO 1001-01	CO	CO10026	230326	Changed gauge	7/28/2023	N	not required	Gauge frame damaged but sources stayed in the shielded position. No leakage.
AK Recycling	CO10027			Landfill / scrap	Landfill / scrap	7/12/2023	N	not required	
University of Colorado Hospital	CO 828-01	CO	CO10028	230370	Medical	8/5/2023	Y	Completed	Dose >20i, WD administered
Non-licensure	CO10029			Allegation	Allegation	6/15/2023	N	not required	Allegation referred by NRC. Unsubstantiated.
Non-licensure	CO10030			Allegation	Allegation	6/26/2023	N	not required	Allegation referred by NRC. Referred to law enforcement.
St. Joseph Hospital, SCL Health	CO 038-02	CO	CO10031	230382	Transportation	9/10/2023	N	not required	Field delivery error - packaged deemed to be in transit at time of license report.
North Colorado Medical Center	CO 245-01	CO	CO10032	230395	Medical	9/18/2023	Y	Completed	Underdose. TherGadars. Need to update NNEED to reflect investigation & patient treatment.
ERAZ Recycling	CO10033			Landfill / scrap	Landfill / scrap	10/3/2023	Y	Completed	
University of Colorado Hospital	CO10034			230424	Medical	10/4/2023	Y	Completed	
ERAZ Recycling	CO 828-01	CO	CO10035	230499	Landfill / scrap	10/3/2023	N	not required	Radiac returned to Montana, DOT special permit issued
Williams Corporation - Crawford	02.001462	CO	CO10036	230465	Lost / abandoned / stolen	10/5/2023	Y	Completed	
Williams Corporation - Hoy Gutch	02.001884	CO	CO10037	230466	Lost / abandoned / stolen	10/9/2023	Y	Completed	
Williams Corporation - Parachute	02.002037	CO	CO10038	230467	Lost / abandoned / stolen	10/5/2023	Y	Completed	
Carondelet Community School	02.000498	CO	CO10039	230468	Lost / abandoned / stolen	9/18/2023	Y	Completed	
Fairfield Inc - Lakewood	02.000212	CO	CO10040	230474	Lost / abandoned / stolen	10/30/2023	Y	Completed	
Blue River Cattle	02.002209	CO	CO10041	230479	Lost / abandoned / stolen	11/8/2023	Y	Completed	

