

Step 6: Select CGS

- Select Specific CGS by using Table 1 below that best describe the task carried out.
- Select Generic CGS by using Table 2 below according to the task description.
- Record in Form SA 2b.

CGS = Fact sheet providing guidance to employer on how to control exposure to chemical for each control approach

Table 1: Specific CGS

Specific CGS

Cleaning Services (Table 3.8*)	Pest Control (Table 3.7*)	Lithography Printing (Table 3.9*)
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Note: Straight forward advice (based on task performed) for work activities or industries covered.

Table 2: Generic CGS

Generic CGS (Table 3.10*)

G-Series	S-Series	R-Series
CA1: G100 – G103	S100	Respiratory protection (R001)
CA2: G200 – G231	S101	
CA3: G300 – G322	S102	
CA4: G400		

Step 7: Develop and Implement Action Plan

- Compare advice given in CGS with the existing control measures, procedure and work practices.
- Determine action plan (action item, due date and person-in-charge).
- Record in Form SA 3.
- Consider also other actions required to fully comply with USECHH Regulations.

**Refer manual for list of tables, figures and forms.*

Do you want to know more about SiRAC?

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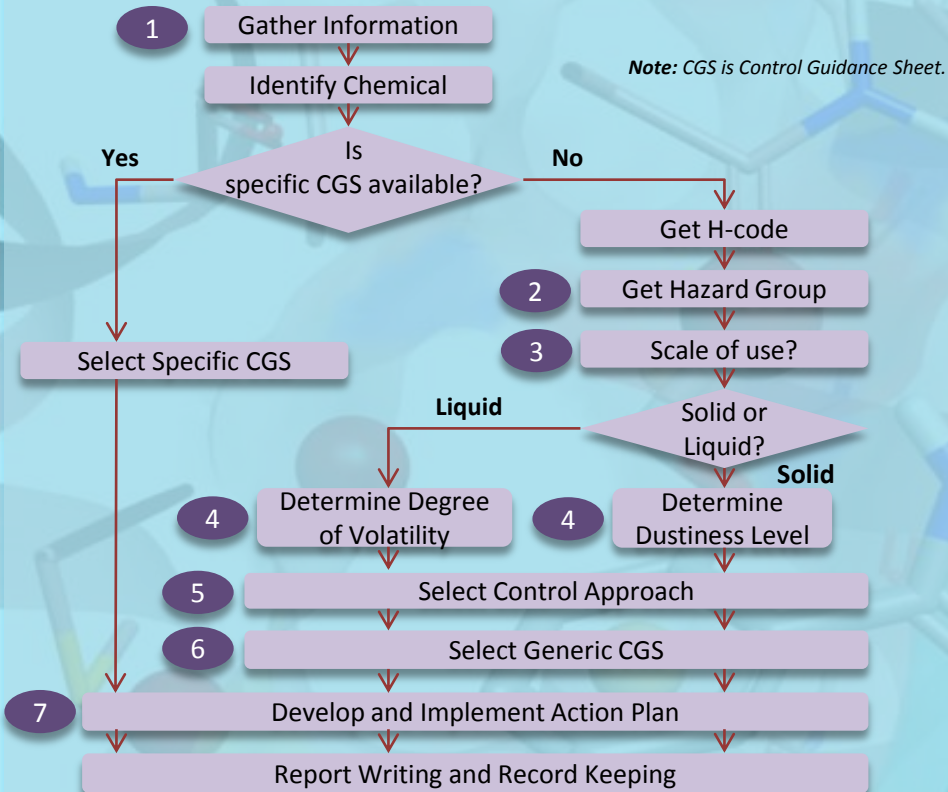
Simple Risk Assessment and Control for Chemicals (SiRAC)

How To Conduct SiRAC?



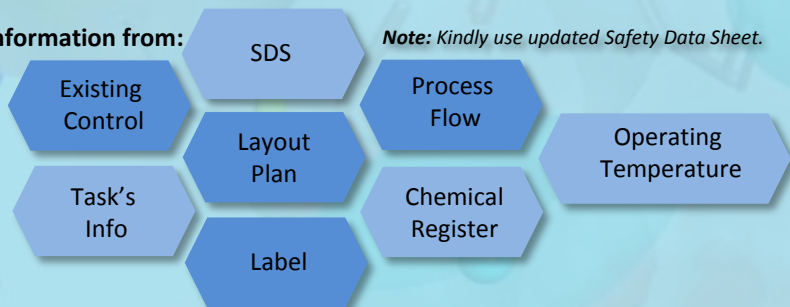
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7 Steps To Conduct SIRAC



Step 1: Gather Information

a. Gather information from:



b. Identify work area / process using chemicals and task.

c. If Specific CGS available, kindly go to Step 6 (Note: No need to fill up Form SA 2a).

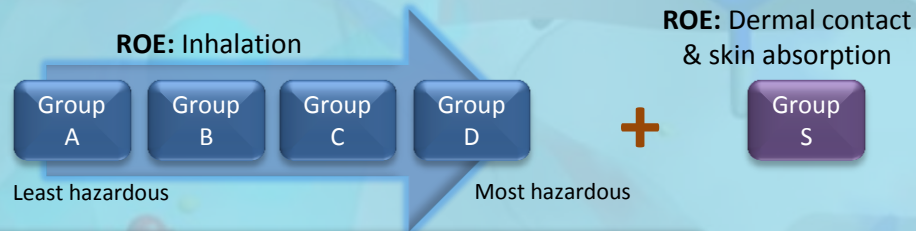
d. Record in Form SA 2a if Specific CGS does not available.

Step 2: Determine Hazard Group

a. Check hazard classification and relevant hazard statement from Safety Data Sheet.

b. Determine hazard group by using Table 3.1* and Table 3.2*.

c. Record in Form SA 2b.



Step 3: Decide Scale of Use

a. Decide amount of chemical used per operation or batch or a day (for continuous process) by using Table 3.3* and record in Form SA 2b.

Step 4: Determine Dustiness & Volatility

a. If solid, use Table 3.4* to determine level of dustiness.

b. If liquid, use Table 3.5a* or Table 3.5b* or Table 3.5c* or Figure 2* to determine degree of volatility.

c. Record in Form SA 2b.

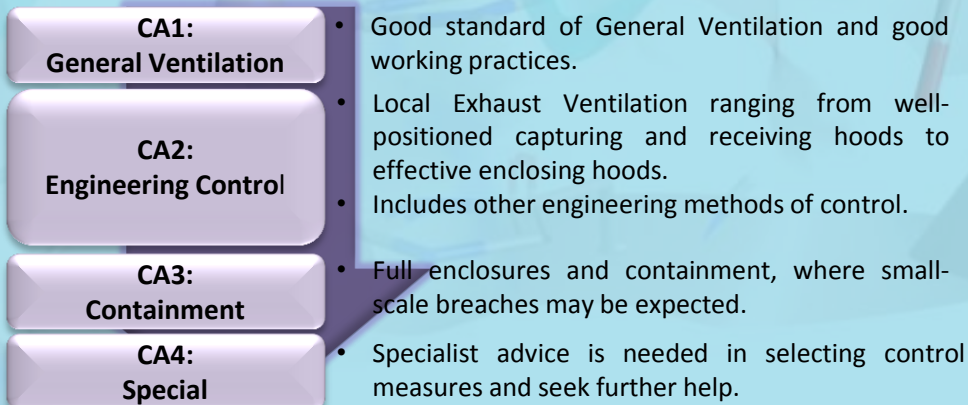
Step 5: Select Control Approach (CA)

a. Identify CA by using Table 3.6* based on the outcome of previous steps.

b. If duration of use < 15 min, adjust CA to one level below.

c. Record in Form SA 2b.

Note: Adjustment does not apply for CA1 and CA4.



*Refer manual for list of tables, figures and forms.