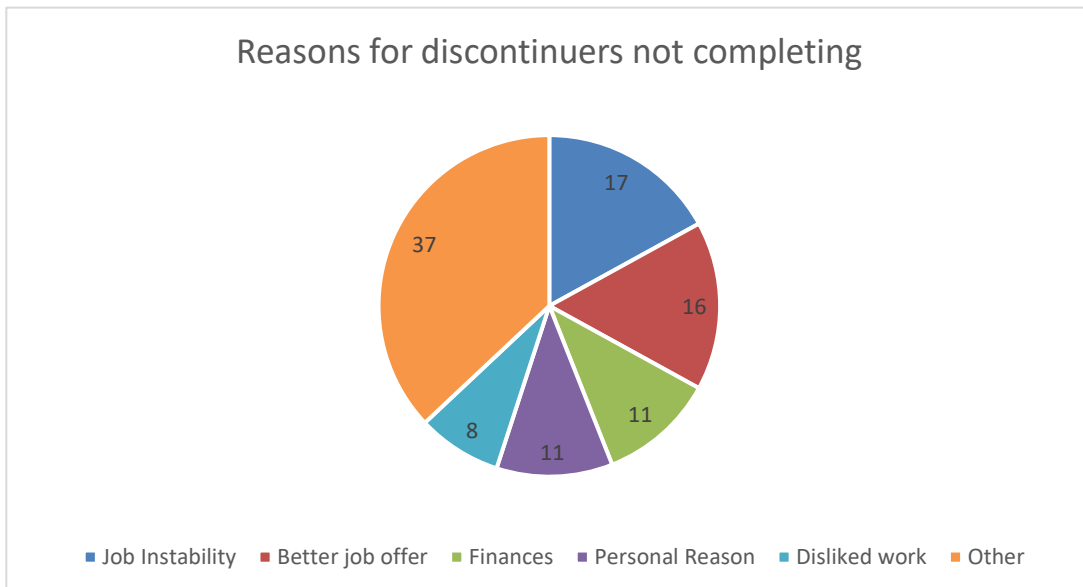


**ANSWER KEY:** Apprenticeship Completion  
Skill Builders: Key Words & Phrases, Flowcharts

1. If the total number of survey respondents was 28,469, how many people discontinued their program during 2011- 2013? **12,099 (42.5% of 28,469)**
2. What percentage of those apprentices who discontinued their program went on to complete in 2015? How many people is that? **5% completed in 2015. 604 people.**
3. What period of time has elapsed between the pie charts? **2 years (2013-2015)**
4. What data is shown on each of the X and Y axes in the bar chart?  
**X: percentage of responders, Y: reasons given for discontinuing.**
5. The values in the bar chart do not add up to 100 percent. What is the approximate percentage of missing values in the bar graph? Why are the missing values excluded from the bar graph? **The missing values represent approximately 11% of the total reasons discontinuers do not complete apprenticeship training. Missing values represent other unspecified reasons for discontinuers not completing apprenticeship training and are likely too small to report on a bar chart (each reason being less than 1%).**
6. Redraw the bar graph as a pie chart. Represent all reasons of more than 5% by their own section. Represent all other reasons including any missing values as a single section labelled "other". Label the chart section including text and percentages. Use whole numbers for all values.  
**5 reasons are represented as more than 5%**



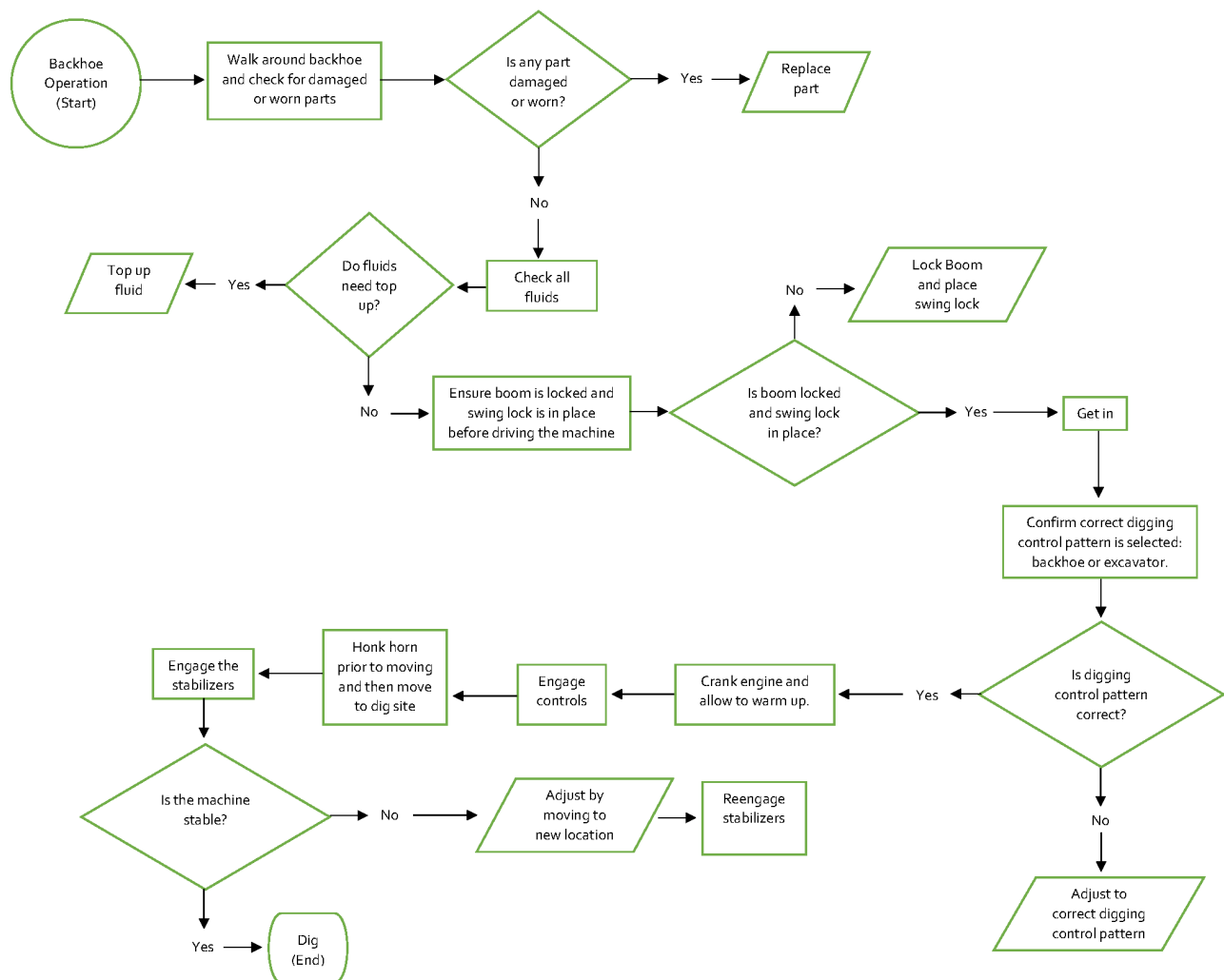
## ANSWER KEY: Flowchart: Backhoe Operation Skill Builder: Flowcharts

Answers may vary but must be logical and contain proper usage of symbols to be considered correct.

Note: Possible decision points include:

- Need to replace parts
- Need to top up fluids
- Need to adjust controls
- Need to move backhoe to stabilize
- Need to adjust boom and swing lock

An example flowchart is shown for your reference.



**ANSWER KEY:** Hazard Assessment  
Skill Builders: Key Words & Phrases, Entry Forms

1. What date format is required? **D/M/Y**
2. Who should the completed form be given to? **Supervisor**
3. For each identified hazard, identify an appropriate control from the options. **Possible answers include the following. Other answers should be considered correct if the pre/apprentice can provide a direct link.**
  - a) Confined space: **Confined Space Entry Procedures**
  - b) Animal droppings: **Respirator**
  - c) Unsafe equipment: **There is no control provided. A note needs to be made in the comment section.**  
**Accept Lockout tag out procedure. Procedure may be required when reporting unsafe equipment or to indicate that machinery/equipment is non-operational due to unsafe condition and/or imminent repair.**
  - d) Sharp objects: **Protective gloves**
4. Complete the assessment form to identify any hazards in the room you are currently working in (or an outside space or class shop if available). Work with a partner or in a small group. Compare your results with another team who assessed the same space.

**Answers will vary depending on the space assessed. The resulting discussion should provide answers to the following questions:**

- a) **Was it possible to complete all sections of the form?**
- b) **Were the hazards correctly identified?**
- c) **Is there a plan for controlling the hazard in place?**

**ANSWER KEY:** Incident Report  
Skill Builders: Key Words & Phrases, Entry Forms

Answers may vary but the following information should be included. Have pre/apprentices compare their completed reports with partners.

## INCIDENT REPORT

GENERAL INFORMATION			
Name of Person Completing Report:			
Name of Injured or Affected Person:			<input checked="" type="checkbox"/> Employee <input type="checkbox"/> Customer
Incident Date: <b>June 2 /17</b>	Time of Occurrence:	Facility:	
Department:		Location (specific): <b>Wakaw</b>	
INCIDENT TYPE			
<input checked="" type="checkbox"/> Slip/Trip/Fall	<input type="checkbox"/> Cut	<input type="checkbox"/> Property Damage	
<input type="checkbox"/> Personal Illness	<input type="checkbox"/> Struck by	<input type="checkbox"/> Property Theft	
<input type="checkbox"/> Ergonomic	<input checked="" type="checkbox"/> Caught in	<input type="checkbox"/> Fire / Flood Hazardous Spill / Leak	
<input type="checkbox"/> Inappropriate Conduct	<input type="checkbox"/> Chemical Exposure	<input type="checkbox"/> Other:	
<input type="checkbox"/> Violence / Threat / Harassment	<input type="checkbox"/> Biohazard Exposure		
OTHER PERSONNEL INVOLVED AND WITNESSES			
	Name	Department	Phone / Contact
1	<b>Bradley Davidson</b>	<b>Supervisor</b>	
2			
3			
BASIC DESCRIPTION OF OCCURRENCE			
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <ol style="list-style-type: none"> <li>1. Worker was feeding gravel into loader.</li> <li>2. Machine was switched off and supervisor ordered work to clear.</li> <li>3. Machine was turned back on while worker still clearing.</li> <li>4. Worker traveled through the conveyor.</li> <li>5. Worker then fell 12 feet.</li> </ol> </div> <p style="text-align: right;"><input type="checkbox"/> See Attached Documentation</p>			
FIRST AID / MEDICAL RESPONSE			
First Aid Provided: <input type="checkbox"/> Yes <input type="checkbox"/> No		Ambulance Involved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
First Aider:		Sent to Hospital: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Emergency First Aider <input type="checkbox"/> Standard First Aider		Medical Facility:	
<input type="checkbox"/> Security <input type="checkbox"/> Other:		Time Off Site:	
Details of the first aid that was provided:			

SEE OVER

Rev. 201708

Incident Report

**CAUSES THAT LED TO THE INCIDENT**

- 1. Supervisor did not follow procedure.
- 2. Supervisor did not perform visual check before restarting machine.

**ACTIONS TAKEN TO PREVENT RECURRENCE**

- (Not mentioned in the article but assumed following safe work practices)
- 1. All workers were refreshed on correct procedures.
  - 2. Subsequent court action and fine would be a deterrent.
  - 3. Supervisor no longer with company.

**REPORTED TO**

Authority	Name	Date	Case / Ref #:
Supervisor / Director / Dean			N/A
Human Resources			N/A
Workers' Compensation Board			
Police			

**REPORT COMPLETED BY**

Name	Position	Date	Time
Enter own name and sign			

**SIGNATURE:**

**SENIOR MANAGEMENT REVIEW**

Name	Position	Date

**SIGNATURE:**

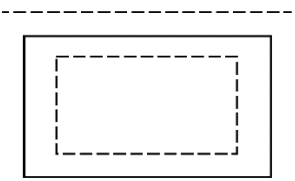
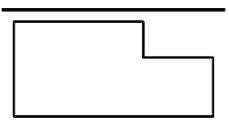
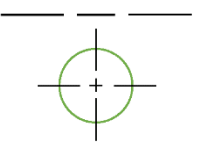
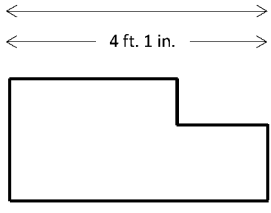
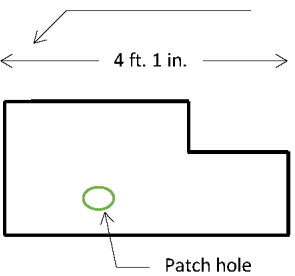
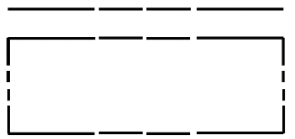
Send completed original form to Occupational Health & Safety  
by interoffice mail or email to [safety@organization.ca](mailto:safety@organization.ca)

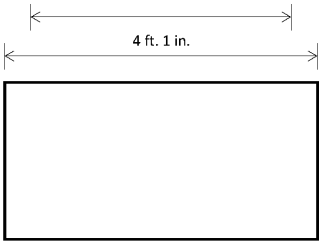
**ANSWER KEY:** Invoice 3  
Skill Builders: Entry Forms, Tables

1. What is the invoice number? **9-23**
2. When was the invoice issued? **October 23, 2018**
3. What is the last date payment should be made?  
**November 22, 2018** (30 days from October 23)
4. What 3 ways can payment be made? **Credit card, billed to account, or by cheque**
5. If paying by cheque, what name should the cheque be issued to? **RCP Contractors**
6. What is the full name of the person who placed the order? **Chris Adam**
7. What is the product number? **3127X3**
8. What is the % of tax being charged? **13%**
9. If the apprentice's time is billed out at \$25 an hour, how much of the total labour charge is for the journeyperson's time? **\$1,120.00**
10. The company offers a discount to educational institutions on invoices over \$8,000 before tax. Is the university eligible for the discount? How do you know?  
**No. It is an educational institution but before tax the invoice is less than \$8,000.**

**ANSWER KEY:** Line Drawings  
Skill Builders: Technical Drawings

1. See below.

Line #	Example	Def.	Definition
1		C	<b>Hidden line:</b> Short dashed lines use to show nonvisible surfaces. Usually shows as medium thickness.
2		G	<b>Object or Visible line:</b> Thick dark line use to show outline of an object, visible edges and surfaces.
3		A	<b>Centre Line:</b> Long and short dash lines. Usually indicates centre of holes, circles and arcs. Line is thin and dark.
4		B	<b>Dimension Line:</b> Thin and dark lines use to show the size (span) of an object with a numeric value. Usually terminates with arrowheads or tick markings. Often shown with a break in the middle where the measurement will be noted.
5		E	<b>Leader Line:</b> Medium line with arrowhead to show notes or to label for size or special information about a feature.
6		D	<b>Property Line:</b> Long dashes alternating with two short dashes. This line is used to show the actual legal line of the property.

7		F	<p><b>Extension Line:</b> Thin and dark line used to show the start and end of a dimension. The extension line does not touch the object and it ends just past the head of the arrow.</p>
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2. Answers will vary.



**ANSWER KEY:** Log Book: HEO  
Skill Builder: Entry Forms

- Under the subheading "From", in what order should the date information be entered?  
**Day, month, year**
- In what month was the excavator entry completed? **September.**
- The period of operation for the backhoe was incorrectly recorded and actually ended on June 11, 2015. Correct the entry using the boxes provided below.

	Type of Machine	Date			Date			Period of Operation		
Page	Model and Size	From			To			days/weeks/months		
3	Backhoe, Caterpillar	15	09	14	11	06	15	6	3	7

- Enter the correct number of months to complete entry 5. **5**
- Complete the "To" line for entry 6. **18**
- On which machine did the operator complete the greatest number of days?  
**Wheel skidder.**
- On which machine did the operator complete the fewest number of days?  
**Loader.**
- Add a 7<sup>th</sup> entry using the following information:
  - Same equipment as first entry
  - Started work 14 days after entry 6 completed
  - Worked 6 months and 3 days

6	Wheel skidder, Hitachi	07	05	17	01	08	18	4	3	14
7	Excavator, Hitachi	15	08	18	18	02	19	3	0	6

**ANSWER KEY:** Maintenance Schedule: Sprinkler  
Skill Builder: Entry Forms, Tables & Lists

1. Which tasks need to be performed 4 times a year?  
**Conduct main drain tests and check general condition of standpipe systems.**
2. How often should dry trip tests be performed? **Once a year.**
3. How often should wet trip tests be performed? **Every 3 years.**
4. Which sprinkler tests relate to water flow?
  1. **Conduct flow test of open sprinklers**
  2. **Perform water flow tests**
  3. **Perform fire pump flow test**
5. How often should alarms be inspected? **Water flow alarms should be inspected monthly.**
6. What types of valves need to be inspected? **Check valves, dry pipe valves, pressure regulating, and altitude valves.**
7. **Exact days on calendar may vary but should clearly show which tasks need to be performed weekly and monthly.**
  - A. **Check water level in tanks (weekly)**
  - B. **Start fire pumps (weekly)**
  - C. **Check air pressure (weekly)**
  - D. **Inspect and test controllers (do not include)**
  - E. **Inspect valves for open position (monthly)**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 E	2
3   A	4   B	5   C	6	7	8	9
10   A	11   B	12   C	13	14	15	16
17   A	18   B	19   C	20	21	22	23
24   A	25   B	26   C	27	28		

8. Assuming the year starts January 1, what additional tasks would have to be completed in March? **Conduct main drain tests and check general condition of standpipe systems.**

**ANSWER KEY: Mileage Log**

Skill Builder: Entry Forms, Tables &amp; Lists

<b>Mileage Log</b>						
Employee name	Alex Wu		Rate per km	<b>.56</b>	Do not write here:	
ID	<b>0015822</b>		For period	13/09/19 --- <b>19/09/19</b>		
Authorized by	LG		Total mileage	<b>112 km</b>		
Authorized on	<b>21/09/19</b>		Total reimbursement	<b>\$62.72</b>		
Date	Starting Location	Destination	Odometer start	Odometer end	Mileage	Reimbursement
13/09/19	Office	Site B	23111	<b>23128</b>	<b>17</b>	<b>9.52</b>
15/09/19	Warehouse	Site A (return trip)	<b>23156</b>	23200	<b>44</b>	<b>24.64</b>
17/09/19	Office	Warehouse	23209	<b>23221</b>	<b>12</b>	<b>6.72</b>
18/09/19	Site A	<b>Warehouse</b>	23241	23263	<b>22</b>	<b>12.32</b>
19/09/19	Site B	Office	23277	<b>23294</b>	<b>17</b>	<b>9.52</b>

**ANSWER KEY:** Project Schedule  
Skill Builder: Key Words & Phrases, Charts & Graphs

1. What is the project completion date? **Thursday June 27.**
2. Who is responsible for the wiring and how many days will they need? **SR is responsible and the wiring will take 6 days.**
3. Who is responsible for the greatest number of project days? How many? **WM is responsible for 13 days.**
4. What tasks must be completed before the materials are purchased? **Design and engineer and obtain permits.**
5. If the inspection is moved up a week, what task(s) definitely need to be rescheduled? What additional task(s) may need to be rescheduled? **Definitely install AC and install PV modules. Maybe install DC wiring.**
6. How many work days can the procurement of the PV modules be delayed without impacting the schedule? **3 work days (to have them arrive the day before they are installed).**

**ANSWER KEY:** Product Recall: Chainsaw  
Skill Builders: Key Words & Phrases, Scanning, Tables & Lists

1. When was the recall issued? **July 19, 2018**
2. How many Makita DCS products are included in the recall? **4**
3. How many of the affected units were sold in Canada? **2,503 units**
4. Is a Dolmar PS7900 purchased in January 2002 affected? Why or why not?  
**No. The affected products were not sold in Canada until April 2002.**
5. What is another word for laceration? **Cut**
6. What are the 3 classes of chainsaw included in the recall? **64, 73, and 79 cc classes**
7. What is the hazard and the related danger in using the recalled chainsaws?  
**Hazard: The automatic chain brake does not easily engage when the saw kicks back Danger: That a user may come in contact with the chain and be cut by it**
8. What should a person who owns a chainsaw in the list do immediately and later?  
**Immediately stop using it. Later take to a Makita Canada Factory Service Centre.**
9. Can the chainsaws be repaired? At what cost? **Yes. Repair is free.**
10. What company manufactures the Makita chainsaws? **Dolmar GMBH, Makita Engineering**
11. The information in a product recall alert is divided into 3 sections. What would you title each section?  
**Answer may vary but suggested answers include: Section 1: Recall summary or Important information Section 2: Affected products Section 3: What you should do**
12. Answers will vary depending on the product selected.

**ANSWER KEY:** Product Recall: Digital Clamp Meters  
Skill Builders: Key Words & Phrases, Scanning, Tables & Lists

1. When was the recall issued? **May 25, 2017**
2. How many meter types are included in the recall? **5**
3. How many of the affected units were sold in Canada? **Approximately 21 units**
4. Is an EX655 purchased in April 2016 affected? Why or why not?  
**Yes. The affected products were sold in Canada between January 2016 and April 2017.**
5. What years were the recalled meters distributed? **2016 and 2017**
6. Which Extech meters are not included in the recall?  
**Those that have a serial number ending in an "A"**
7. What is the hazard and the related danger in using the recalled meters?  
**Hazard: The screws can come loose which can fail to give accurate voltage readings Danger: That electrocution can occur**
8. What should a person who owns a meter do right away?  
**Immediately stop using it and contact Extech for an exchange.**
9. Can a consumer have the meters repaired? **No. They can be replaced.**
10. What company manufactures the meters? **Uni-Trend Technology Limited.**
11. The information in a product recall alert is divided into 3 sections. What would you title each section?  
**Answer may vary but suggested answers include: Section 1: Recall summary or Important information Section 2: Affected products Section 3: What you should do**
12. Answers will vary depending on the product selected.

**ANSWER KEY:** Product Recall: Torch Handles  
Skill Builders: Key Words & Phrases, Scanning, Tables & Lists

1. When was the recall issued? **July 31, 2014**
2. What brand names was the product sold under? **Lincoln Electric Company and Harris Products Group.**
3. How many of the affected units were sold in Canada? **Approximately 350 units**
4. Is a WELD-HDL 18-5 purchased in December 2014 affected? Why or why not?  
**No. The affected products were sold in Canada only until May 2014.**
5. What does the model number prefix 440 indicate? **That the product is sold as part of a kit.**
6. Which Harris handles are not included in the recall?  
**Those that are marked with a "o" above the word "Harris" and to the right of the rivet head.**
7. What is the hazard and the related danger in using the recalled product?  
**Hazard: The torch handles can leak oxygen or fuel**  
**Danger: Fire can occur**
8. What should a consumer do both right away and later?  
**Immediately stop using the recalled torch handle. Later, contact Harris for a replacement.**
9. What 2 ways is the product sold? **Individually and as part of a kit or outfit.**
10. Where and by what company is the product manufactured?  
**Harris Calorific International in Dzieronow, Poland.**
11. The information in a product recall alert is divided into 3 sections. What would you title each section?  
**Answer may vary but suggested answers include: Section 1: Recall summary or Important information Section 2: Affected products Section 3: What you should do**
12. Answers will vary depending on the product selected.

**ANSWER KEY:** Product Recall: Hot Water Boiler  
Skill Builders: Key Words & Phrases, Scanning, Tables & Lists

1. How long after the posting date was the recall information modified? **10 days later**
2. What 2 conditions can cause the seal to deteriorate? **Excessive use and/or improper installation**
3. How many of the affected units were sold in Canada? **Approximately 7359 units**
4. Is a model Tft155 purchased in October 2018 affected? Why or why not?  
**No. The affected products were sold in Canada only until January 2018.**
5. What is the common UPC prefix for all of the recalled boilers? **First 8 digits: 62823373**
6. Which information is different between the Canadian and American reports?  
**Reports of seal deterioration: CAN: 2, USA: 1**  
**Reports of emissions: CAN: 1, USA: 0 Reports of injuries is the same (none)**
7. What is the hazard and the related danger in using the recalled product?  
**Hazard: Grommet seal may deteriorate**  
**Danger: Exposure to low levels of carbon monoxide**
8. What should a consumer do both right away and later?  
**Immediately stop using the recalled boilers. Later, contact their installer to have an upgrade kit installed.**
9. Who can install the upgrade kit? **Only certified installers.**
10. Where and by what company is the product distributed?  
**NY Thermal in Saint John, New Brunswick, Canada**
11. The information in a product recall alert is divided into 3 sections. What would you title each section?  
**Answer may vary but suggested answers include: Section 1: Recall summary or Important information Section 2: Affected products Section 3: What you should do**
12. Answers will vary depending on the product selected.



**ANSWER KEY: SDS: Auto Service Technician**  
 Skill Builder: Key Words & Phrases, Tables & Lists

**PART 1.**

Search Questions	Section (1-16)
1. What is the name of the product?	1
2. What is the product made of?	3
3. Where should the product be stored when not in use?	7
4. What should you do if this product splashes in your eyes?	4
5. Is the product made in Canada?	1
6. If this product catches fire, how do you put it out?	5
7. What sort of PPE should be worn when using this product?	8
8. What should the product smell like?	9
9. How can you dispose of leftover product?	13
10. What are the US shipping codes for this product?	14
11. What is the product used for?	1
12. What hazards are associated with this product?	2
13. What changes if any have been made since the last revision?	16
14. Are there potential long term risks associated with using this product?	11

## PART 2.

1. What is the name of the product? **Integrally Molded Brake Pad**
2. What is the phone number to call in a medical emergency? **(519) 763-9000**
3. What month and year was the SDS last issued? **August 2015**
4. What should you do if the product gets in your eyes?  
**Remove any contact lenses.  
Immediately and continuously flush eyes with water for 15 minutes. If irritation persists, seek medical attention.**
5. Where can you find information on what protective equipment to use? **Section 8**
6. When should a respirator be used as part of the PPE? **If airborne dust is generated.**
7. How should the product be stored? Why?  
**In a dry area. Product could rust if in contact with moisture.**
8. Identify 2 recommended actions for how to clean up the product and 1 action that is not recommended.  
**Recommended: Use a HEPA vacuum or wet clean up Not recommended: Do not use compressed air**
9. What evidence is there that dust from the product may pose a health risk?  
**SDS advises minimize dust generation and to use adequate ventilation if dust is generated.  
SDS advises not to use compressed air to contain the product (would blow any dust).**
10. When should calling for medical help be the first response?  
**If the product is ingested (eaten or swallowed).**

**ANSWER KEY: SDS: Carpenter****Skill Builders: Key Words & Phrases, Tables & Lists****PART 1.**

<b>Search Questions</b>	<b>Section (1-16)</b>
1. What is the name of the product?	<b>1</b>
2. What is the product made of?	<b>3</b>
3. Where should the product be stored when not in use?	<b>7</b>
4. What should you do if this product splashes in your eyes?	<b>4</b>
5. Is the product made in Canada?	<b>1</b>
6. If this product catches fire, how do you put it out?	<b>5</b>
7. What sort of PPE should be worn when using this product?	<b>8</b>
8. What should the product smell like?	<b>9</b>
9. How can you dispose of leftover product?	<b>13</b>
10. What are the US shipping codes for this product?	<b>14</b>
11. What is the product used for?	<b>1</b>
12. What hazards are associated with this product?	<b>2</b>
13. What changes if any have been made since the last revision?	<b>16</b>
14. Are there potential long term risks associated with using this product?	<b>11</b>

## PART 2.

1. What is the name of the product? **LePage PL200 Construction Adhesive**
2. What is the phone number to call in a medical emergency? **1-877-671-4608 or 1-303- 592-1711**
3. What month and year was the SDS last issued? **December 2018**
4. What should you do if the product gets in your eyes?  
**Rinse cautiously with water for several minutes.**  
**Remove contact lenses if present and easy to do.**  
**Continue rinsing.**  
**If eye irritation persists: Get medical attention.**
5. How can you prevent the product getting in your eyes? **Wear eye protection.**
6. What 3 types of personal protection equipment should be worn when using the product?  
**Protective gloves, eye protection, and face protection.**
7. After the product container is closed, identify 3 precautions for how it should be stored.  
**In a well-ventilated place.**  
**Keep cool.**  
**Store locked up.**
8. One hazard of the product is that it is highly flammable. Identify 2 ways you can reduce that risk. **Accept any two of the following:**
  1. **Keep away from heat, sparks, open flames, hot surfaces – no smoking.**
  2. **Use explosion-proof equipment.**
  3. **Use only non-sparking tools.**
  4. **Take precautionary measures against static discharge.**
9. One hazard of the product is that inhaling it may cause drowsiness or dizziness. Identify 2 ways you can reduce that risk. **Accept any two of the following:**
  1. **Keep container tightly closed.**
  2. **Avoid breathing vapours, mist or spray.**
  3. **Use only outdoors or in well-ventilated area.**
10. How many pages are in the complete SDS? **8**

**ANSWER KEY:** SDS: Heavy Equipment Operator  
Skill Builders: Key Words & Phrases, Tables & Lists

**PART 1.**

<b>Search Questions</b>	<b>Section (1-16)</b>
1. What is the name of the product?	<b>1</b>
2. What is the product made of?	<b>3</b>
3. Where should the product be stored when not in use?	<b>7</b>
4. What should you do if this product splashes in your eyes?	<b>4</b>
5. Is the product made in Canada?	<b>1</b>
6. If this product catches fire, how do you put it out?	<b>5</b>
7. What sort of PPE should be worn when using this product?	<b>8</b>
8. What should the product smell like?	<b>9</b>
9. How can you dispose of leftover product?	<b>13</b>
10. What are the US shipping codes for this product?	<b>14</b>
11. What is the product used for?	<b>1</b>
12. What hazards are associated with this product?	<b>2</b>
13. What changes if any have been made since the last revision?	<b>16</b>
14. Are there potential long term risks associated with using this product?	<b>11</b>

## PART 2.

1. What is the product used for? **Parts washer cleaner**
2. How many hazard types are identified? List them. **3. Acute toxicity, skin corrosion, and eye irritation**
3. What 2 things does the pictogram indicate?  
**The product is corrosive to metal.**  
**The product is corrosive to skin.**
4. What should you do and not do if the product gets in your mouth?  
**Do: rinse mouth and drink water Do**  
**not: induce vomiting**
5. What PPE should be used with the product? **Gloves, protective clothing, eye protection, and face protection**
6. Where can you find more information on possible side effects of exposure to the product? **Section 11**
7. What does Category 1C refer to? **Skin corrosion**
8. How should the product be disposed of?  
**In accordance with local, regional, national and international regulations**
9. What is Canutec and why is their contact information included in the SDS? If you need help, use your phone to search for the answer.  
**Canutec is the Canadian Transport Emergency Centre. Their information is included because they operate a 24-hour emergency hotline for immediate advice and recommended actions related to the transport of hazardous products.**

**ANSWER KEY: SDS: Welder**  
Skill Builders: Key Words & Phrases, Tables & Lists

**PART 1.**

Search Questions	Section (1-16)
1. What is the name of the product?	1
2. What is the product made of?	3
3. Where should the product be stored when not in use?	7
4. What should you do if this product splashes in your eyes?	4
5. Is the product made in Canada?	1
6. If this product catches fire, how do you put it out?	5
7. What sort of PPE should be worn when using this product?	8
8. What should the product smell like?	9
9. How can you dispose of leftover product?	13
10. What are the US shipping codes for this product?	14
11. What is the product used for?	1
12. What hazards are associated with this product?	2
13. What changes if any have been made since the last revision?	16
14. Are there potential long term risks associated with using this product?	11

## PART 2.

1. What is the product? **Welding electrodes and rods**
2. How many hazard types are identified? List them. **4. Heat, radiation, electricity and fumes**
3. What day and month was the SDS last updated? How could it be written to make it clearer?  
**Either May 1 or Jan 5.**  
**Would be clearer if month was written as a word. NOTE:**  
**Canadian standard is YYYY-MM-DD.**
4. What should you do if the product, when hot, gets on your skin?  
**Promptly flush with cold water.**  
**Get medical attention for burns or irritation that persists.**  
**Remove dust and particles by washing with mild soap and water.**
5. What component of the product causes the greatest health hazard? What disease can it cause?  
**Nickel. Cancer.**
6. Where can you find more information on what personal protection to use when handling spills? **Section 8**
7. How should the product be stored?  
**Separate from chemical substances like acids and strong bases**
8. One hazard of the product is contact with its fumes. What part of the body can be affected by long-term overexposure to fumes? Identify 1 way you can reduce that risk. **Lungs.**  
**Reduce exposure and/or wear proper PPE (for example, a respirator)**
9. Identify 2 ways the product can harm your eyes.  
**1. Radiation burn due to arc flashing**  
**2. Dust or fumes in the eyes**
10. How many pages are in the complete SDS? **6**