<table>
<thead>
<tr>
<th>Question</th>
<th>Yes/No</th>
<th>Option</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. TURMA number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Took blood sample?</td>
<td></td>
<td>Yes/No</td>
<td></td>
</tr>
<tr>
<td>3. Lab registry number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Race/ethnicity: Ladino (mixed ethnicity)</td>
<td></td>
<td>Yes/No/Other (Specify)</td>
<td></td>
</tr>
<tr>
<td>5. Do you know how to read or write?</td>
<td></td>
<td>Yes/No</td>
<td></td>
</tr>
<tr>
<td>6. Work site:</td>
<td></td>
<td>Pantaleon/Konsepcion</td>
<td></td>
</tr>
<tr>
<td>7. Age</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Did you work at Pantaleon/Concepcion last year?</td>
<td></td>
<td>Yes/No</td>
<td></td>
</tr>
<tr>
<td>9. Did you work at another mill/sugarcane harvest last year (2014-2015)?</td>
<td></td>
<td>Yes/No</td>
<td></td>
</tr>
<tr>
<td>10. Are you employed at Pantaleon all year or only during the harvest?</td>
<td></td>
<td>harvest only</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>All year</td>
<td></td>
</tr>
<tr>
<td>11. How old were you when you started working in sugarcane?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. How many sugarcane harvests have you worked in your life?</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>13. How long have you worked for the company?</td>
<td></td>
<td>Less than 6 months</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 months to 1 year</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-3 years</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3-5 years</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5-10 years</td>
<td></td>
</tr>
</tbody>
</table>
More than 10 years
14. On average, how long is your shift?
- [ ] Less than 8 hours per work day
- [ ] 8-10 hours
- [ ] 11-12 hours
- [ ] More than 12 hours

15. During the 6 months before coming to work at Pantaleon (during the off season) what type of work did you do?
- [ ] Cotton
- [ ] Banana
- [ ] Sugarcane with another company
- [ ] Other agricultural products
- [ ] Construction
- [ ] Mining
- [ ] Factory work
- [ ] Transportation
- [ ] Other manual labor
- [ ] Office work
- [ ] Farming my own land
- [ ] Other (Specify)  

16. At work how many hours do you spend in the sun?
- [ ] less than 1 hour
- [ ] 1-4 hours
- [ ] 5-8
- [ ] 9-12
- [ ] 13 or more
### Parte 2 – Health History

17. Do you suffer from any of the following health conditions?

<table>
<thead>
<tr>
<th>Condition</th>
<th>Yes</th>
<th>No</th>
<th>Don’t know</th>
<th>Being treated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asthma (wheezing, cough, difficulty breathing)</td>
<td></td>
<td></td>
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<tr>
<td>Arthritis</td>
<td></td>
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<tr>
<td>Chronic back pain</td>
<td></td>
<td></td>
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<tr>
<td>Broken bones or fractures in the past 10 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>High blood pressure (hypertension)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diabetes (high blood sugar)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heart disease</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Kidney disease or kidney damage</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

#### General Health

18. Have you suffered from a fever for more than 2 days in the last 6 months?  
   Yes  No

19. Have you suffered from joint pain in the last 6 months?  
   Yes  No

20. Have you had any illness with a skin rash during the last 6 months?   
   Yes  No

#### Medications

21. Of these medicines, which do you take on a daily basis?
   - [ ] to reduce blood pressure
   - [ ] to reduce cholesterol
   - [ ] for diabetes
   - [ ] for kidneys
   - [ ] for pain
   - [ ] for allergies
   - [ ] for another condition
   - [ ] I do not take any medications

#### Lifestyle

22. ¿How many hours of sleep do you get per work night?
   - [ ] Less than 5 hours
   - [ ] 5-6 hours
   - [ ] 7-8 hours
Health Survey Post-Harvest

- Do you smoke cigarettes?
  - Yes currently *
  - Not now, but used to *
  - Never smoked (less than 100 cigarettes (~5 packs in whole life)

24. When you drink alcohol ¿how many drinks do you have per day? (a standard drink is a bottle or can of beer, a small glass of alcohol like rum)
  - Never drink
  - Less than 1 drink
  - 1 drink
  - 2 drinks
  - 3 drinks
  - 4 drinks
  - 5 or more drinks

25. ¿Do you consume drinks that contain sugar like refrescos, Coca-Cola, Pepsi, or fruit juice?
  - Yes
  - No

25.1 Yes – how many days per week?

25.2 ¿How many drinks per day?
  - 1
  - 2
  - 3
  - 4
  - 5 or more

26. Where do you live during the harvest?
  - In the employee housing
  - In my own local house

27. During the last work week on average, how many liters of water did you drink per day? 1 or less than 1 liter
  - 2-4 liters
  - 5-7 liters
  - 8-10 liters
  - 11-13 liters
14-16 or more
28. How many bags of electrolyte solution on average do you drink per work day?

**Part 3 – Safety and Work**

29. In general, would you say your health is:

- [ ] excellent
- [ ] Very good
- [ ] good
- [ ] average
- [ ] poor

30. ¿Did you ever leave work during this harvest because of an accident or injury during work? Yes/no

30a. How many days were you out of work due to the injury? [ ] [ ]

31. How many times have you been injured at work during the past 6 months (this harvest)?

- [ ] 0
- [ ] 1
- [ ] 2
- [ ] 3
- [ ] 4
- [ ] 5 or more

32. When you had this injury or illness did you go to the dispensary, clinic, health post or hospital for treatment?

- [ ] Not applicable
- [ ] yes
- [ ] No

33. If yes, where?

- [ ] Not applicable
- [ ] Hospital
- [ ] Health post
- [ ] Pantaleon clinic
- [ ] Social security clinic: IGSS (Instituto Guatemalteco de Seguridad Social)
- [ ] Other (Specify)
34. If you have had a work-related injury or illness, what type was it? (select all that apply)

☐ Traumatic injury (examples: bone fracture, torn muscle, ankle sprain)
☐ Skin cut
☐ Insect bite
☐ Animal bite
☐ Eye irritation, reddening
☐ Injury by crushing or amputation (example: loss of a finger or extremity)
☐ Skin injuries (examples: bruising, blistering, scratches, punctures, burns)
☐ Skin rash or hives
☐ Pain (muscular, joint or in the bone)
☐ Heat stroke (example: dizziness or fainting, from working in the heat)
☐ Lung problem (examples: Cough, asthma, difficulty breathing)
☐ Nausea, vomiting
☐ Head injury or head aches
☐ Hearing damage, ringing in the ears
☐ No injuries
☐ Other (describe) [ ]

35. During the current harvest, ¿have you felt any of the following symptoms? (select all that apply)

☐ Headache
☐ Stomach pain
☐ Muscle cramping in arms or legs
☐ Fever
☐ Diarrhea
☐ Painful urination
☐ Rapid heartbeat
☐ Dizziness
☐ Vomiting
☐ Fainting
☐ Dry mouth
☐ Ear pain
☐ Upper back pain
☐ Lower back pain
☐ Difficulty breathing
☐ Swelling of the hands or feet
36. What do you do during your days off?
   - Tourism
   - Relax
   - Sport
   - Other recreation
   - Work at home

37. In general, how satisfied are you with work?
   - Very unsatisfied
   - Somewhat unsatisfied
   - No difference
   - Very satisfied

38. How much does your supervisor care about your health and wellbeing?
   - Never
   - Sometimes
   - Almost always
   - Always

39. How much does Pantaleon as a business care about your health and wellbeing?
   - Never
   - Sometimes
   - Almost always
   - Always

40. Where do you get your lunch?
   - Bring from home
   - From Pantaleon
41. Have you taken any of the following medicines during the past 3 months (harvest)? (select all that apply)

- Aspirina
- Ibuprofeno
- Diclofenaco
- Acetaminofen
- Tramal
- Neurotropas (Compleben o Neurobion)
- Sin sueño
- Penicilina
- Ceftriaxona
- Tetraciclina
- Other (Specify)  

42. Do you apply pesticides or insecticides on your own land?

- Yes
- No

42.a. Specify which pesticide or insecticide

43. When you work for employers other than Pantaleon, do you have potential exposure to pesticides, insecticides or herbicides at work?

- Yes
- No
- Not applicable

**Vital signs**

44. Weight:  

45. Height:  

46. Blood pressure:  

47. Pulse:  

48. Medical exam:

- Normal
- Abnormal
Observations