



## INSTRUCTIONS FOR EMPLOYMENT HISTORY FORM FOR FOLLOW-UP EHA, VERSION 2.0, QUESTION BY QUESTION (QxQ)

### I. GENERAL INSTRUCTIONS

The Employment History Form for Follow-up is interviewer administered and completed during the participant's Clinic Visit 5.

**Header Information:** The header information consists of key fields which uniquely identify each recorded instance of a form. For the Event field, record if this is happening at Visit 5 or another event.

0a. Date of Collection: Record the date the data was collected or abstracted. Select the date from the pop-up calendar in the data management system (DMS) or type the date in the space provided. Dates should be entered in the mm/dd/yyyy format.

0b. Staff Code: Record the SPIROMICS staff code of the person who collected or abstracted the data. This code is assigned to each person at each site by the GIC. If you do not have a staff code and are collecting SPIROMICS data, please contact the GIC in order to receive your own individual staff code.

### II. DETAILED INSTRUCTIONS FOR EACH ITEM

Item 1. **Employment changed since last visit** Select only one option among the three possible choices.

- Select No if the subject has not changed employment since the last visit. [Go to End]
- Select Yes if the subject has changed employment since the last visit.
- Select No Answer if the subject does not answer the question.

Item 2a. **How employment changed** Select only one option among the ten possible choices for how the subject's employment has changed since the last SPIROMICS visit.

- Select Started a new job if the subject reports having started a new job. [Go to Q3]
- Select On leave but still employed if the subject reports being on leave but still employed. [Go to END]
- Select Temporarily laid off if the subject reports being temporarily laid off. [Go to END]
- Select Unemployed and looking for work if the subject reports being unemployed and looking for work. [Go to Q9]
- Select Unable to work if the subject reports being Unable to work. [Go to Q9]
- Select Going to school if the subject reports not working and going to school. [Go to Q9]
- Select Keeping house if the subject reports not working and keeping house. [Go to Q9]
- Select Retired but still employed if the subject reports being retired. [Go to Q9]
- Select Other if the subject reports an employment situation not listed above. [Go to Q9]
- Select No answer if the subject does not answer the question. [Go to END]

Item 3. **Occupation.** Record the subject's occupation in the space provided.

Item 4. **Usual activities or duties.** Record the subject's usual job activities or duties in the space provided.

Item 5. **Business or industry.** Record the subject's business or industry in the space provided. If applicable, note what the subject makes or does in this business.

Item 6. **Date began this job** Record the date subject began working at this job. Select the date from the pop-up calendar in the data management system (DMS) or type the date in the space provided. Dates should be entered in the mm/dd/yyyy format.

Item 7. **Hours per week.** Record the number of hours per week the subject works in this job in the space provided.

Item 8. **Current vapors, gas, dust, or fumes exposure** Select only one option among the three possible choices.

- Select No if the subject is not exposed to vapors, gas, dust, or fumes at his/her current job.
- Select Yes if the subject is exposed to vapors, gas, dust, or fumes at his/her current job.
- Select Don't know if the subject does not know if s/he is exposed to vapors, gas, dust, or fumes at his/her current job.

Item 9. **Left last job because of breathing or lung problems** Select only one option among the three possible choices.

- Select No if the subject did not leave his/her last job because of breathing or lung problems.
- Select Yes if the subject did leave his/her last job because of breathing or lung problems.
- Select Don't know if the subject does not know if s/he left his/her last job because of breathing or lung problems.

Item 10. **Last job's vapors, gas, dust, or fumes exposure** Select only one option among the three possible choices.

- Select No if the subject is not exposed to vapors, gas, dust, or fumes at his/her last job.
- Select Yes if the subject is exposed to vapors, gas, dust, or fumes at his/her last job.
- Select Don't know if the subject does not know if s/he is exposed to vapors, gas, dust, or fumes at his/her last job.

Item 11. **Avoiding causes of breathing problems** Select only one option among the three possible choices.

- Select No if the subject did not leave his/her previous job at least in part to avoid the things that caused you difficulty breathing, such as air quality, temperature, or physical exertion.
- Select Yes if the subject left his/her previous job at least in part to avoid the things that caused you difficulty breathing, such as air quality, temperature, or physical exertion.
- Select Don't know if the subject does not know if s/he left his/her previous job at least in part to avoid the things that caused you difficulty breathing, such as air quality, temperature, or physical exertion.

Item 12. **Missed time because of illness** Select only one option among the three possible choices.

- Select No if the subject did not leave his/her previous job at least in part because of missed time due to illness.
- Select Yes if the subject left his/her previous job at least in part because of missed time due to illness.
- Select Don't know if the subject does not know if s/he left his/her previous job at least because of missed time due to illness.

Item 13. **Work environment**

Item 13a. **Cotton, flax or hemp mill** Select only one option among the two possible choices.

- Select No if the subject does not work in a cotton, flax or hemp mill.
- Select Yes if the subject does work in a cotton, flax or hemp mill.

If Yes to Q13a, record the number of years worked in the space provided.

Item 13b. **Foundry** Select only one option among the two possible choices.

- Select No if the subject does not work in a foundry.
- Select Yes if the subject does work in a foundry.

If Yes to Q13b, record the number of years worked in the space provided.

Item 13c. **Glass works** Select only one option among the two possible choices.

- Select No if the subject does not work in a glass works.
- Select Yes if the subject does work in a glass works.

If Yes to Q13c, record the number of years in the space provided.

Item 13d. **Mine** Select only one option among the two possible choices.

- Select No if the subject does not work in a mine.
- Select Yes if the subject does work in a mine.

If Yes to Q13d, record the number of years worked in the space provided.

Item 13e. **Pottery** Select only one option among the two possible choices.

- Select No if the subject does not work in a pottery.
- Select Yes if the subject does work in a pottery.

If Yes to Q13e, record the number of years worked in the space provided.

Item 13f. **Power plant** Select only one option among the two possible choices.

- Select No if the subject does not work in a power plant.
- Select Yes if the subject does work in a power plant.

If Yes to Q13f, record the number of years worked in the space provided.

Item 13g. **Quarry** Select only one option among the two possible choices.

- Select No if the subject does not work in a quarry.
- Select Yes if the subject does work in a quarry.

If Yes to Q13g, record the number of years worked in the space provided.

Item 13h. **Refinery** Select only one option among the two possible choices.

- Select No if the subject does not work in a refinery.
- Select Yes if the subject does work in a refinery.

If Yes to Q13h, record the number of years worked in the space provided.

Item 13j. **Synthetic fibers or fabric manufacturing** Select only one option among the two possible choices.

- Select No if the subject does not work in a synthetic fibers or fabric manufacturing.
- Select Yes if the subject does work in a synthetic fibers or fabric manufacturing.

If Yes to Q13j, record the number of years worked in the space provided.

Item 13k. **Paper mill** Select only one option among the two possible choices.

- Select No if the subject does not work in a paper mill.
- Select Yes if the subject does work in a paper mill.

If Yes to Q13k, record the number of years worked in the space provided.

Item 13l. **Building or highway construction** Select only one option among the two possible choices.

- Select No if the subject does not work in a building or highway construction.
- Select Yes if the subject does work in a building or highway construction.

If Yes to Q13l, record the number of years worked in the space provided.

Item 13m. **An aluminum factory** Select only one option among the two possible choices.

- Select No if the subject does not work in an aluminum factory.
- Select Yes if the subject does work in an aluminum factory.

If Yes to Q13m, record the number of years worked in the space provided.

Item 13n. **Rubber tire plant** Select only one option among the two possible choices.

- Select No if the subject does not work in a rubber tire plant.
- Select Yes if the subject does work in a rubber tire plant.

If Yes to Q13n, record the number of years worked in the space provided.

Item 13o. **HVAC** Select only one option among the two possible choices.

- Select No if the subject does not work in HVAC.
- Select Yes if the subject does work in HVAC.

If Yes to Q13o, record the number of years worked in the space provided.

Item 13p. **Demolition** Select only one option among the two possible choices.

- Select No if the subject does not work in demolition.
- Select Yes if the subject does work in demolition.

If Yes to Q13p, record the number of years worked in the space provided.

Item 13q. **Remodeling** Select only one option among the two possible choices.

- Select No if the subject does not work in remodeling.
- Select Yes if the subject does work in remodeling.

If Yes to Q13q, record the number of years worked in the space provided.

Item 13r. **Professional cleaning** Select only one option among the two possible choices.

- Select No if the subject does not work in professional cleaning.
- Select Yes if the subject does work in professional cleaning.

If Yes to Q13r, record the number of years worked in the space provided.

Item 13s. **Beauty care** Select only one option among the two possible choices.

- Select No if the subject does not work in beauty care.
- Select Yes if the subject does work in beauty care.

If Yes to Q13s, record the number of years worked in the space provided.

Item 13t. **Agriculture** Select only one option among the two possible choices.

- Select No if the subject does not work in agriculture.
- Select Yes if the subject does work in agriculture.

If Yes to Q13t, record the number of years worked in the space provided.

Item 13u. **The flooring industry** Select only one option among the two possible choices.

- Select No if the subject does not work in the flooring industry.
- Select Yes if the subject does work in the flooring industry.

If Yes to Q13u, record the number of years worked in the space provided.

Item 14. **Type of job**

Item 14a. **Boilermaker** Select only one option among the two possible choices.

- Select No if the subject does not work as a boilermaker.
- Select Yes if the subject does work as a boilermaker.

If Yes to Q14a, record the number of years worked in the space provided.

Item 14b. **Carpenter** Select only one option among the two possible choices.

- Select No if the subject does not work as a carpenter.
- Select Yes if the subject does work as a carpenter.

If Yes to Q14b, record the number of years worked in the space provided.

Item 14c. **Chemical worker** Select only one option among the two possible choices.

- Select No if the subject does not work as a chemical worker.
- Select Yes if the subject does work as a chemical worker.

If Yes to Q14c, record the number of years worked in the space provided.

Item 14d. **Electrician** Select only one option among the two possible choices.

- Select No if the subject does not work as an electrician.
- Select Yes if the subject does work as an electrician.

If Yes to Q14d, record the number of years worked in the space provided.

Item 14e. **Elevator operator** Select only one option among the two possible choices.

- Select No if the subject does not work as an elevator operator.
- Select Yes if the subject does work as an elevator operator.

If Yes to Q14e, record the number of years worked in the space provided.

Item 14f. **Insulator** Select only one option among the two possible choices.

- Select No if the subject does not work as an insulator.
- Select Yes if the subject does work as an insulator.

If Yes to Q14f, record the number of years worked in the space provided.

Item 14g. **Lather** Select only one option among the two possible choices.

- Select No if the subject does not work as a lather.
- Select Yes if the subject does work as a lather.

If Yes to Q14g, record the number of years worked in the space provided.

Item 14h. **Machinist** Select only one option among the two possible choices.

- Select No if the subject does not work as a machinist.
- Select Yes if the subject does work as a machinist.

If Yes to Q14h, record the number of years worked in the space provided.

Item 14i. **Mechanic** Select only one option among the two possible choices.

- Select No if the subject does not work as a mechanic.
- Select Yes if the subject does work as a mechanic.

If Yes to Q14i, record the number of years worked in the space provided.

Item 14j. **Millwright** Select only one option among the two possible choices.

- Select No if the subject does not work as a millwright.
- Select Yes if the subject does work as a millwright.

If Yes to Q14j, record the number of years worked in the space provided.

Item 14k. **Pipefitter** Select only one option among the two possible choices.

- Select No if the subject does not work as a pipefitter.
- Select Yes if the subject does work as a pipefitter.

If Yes to Q14k, record the number of years worked in the space provided.

Item 14l. **Plasterer** Select only one option among the two possible choices.

- Select No if the subject does not work as a plasterer.
- Select Yes if the subject does work as a plasterer.

If Yes to Q14l, record the number of years worked in the space provided.

Item 14m. **Plumber** Select only one option among the two possible choices.

- Select No if the subject does not work as a plumber.
- Select Yes if the subject does work as a plumber.

If Yes to Q14m, record the number of years worked in the space provided.

Item 14n. **Sander** Select only one option among the two possible choices.

- Select No if the subject does not work as a sander.
- Select Yes if the subject does work as a sander.

If Yes to Q14n, record the number of years worked in the space provided.

Item 14o. **Sheet metal worker** Select only one option among the two possible choices.

- Select No if the subject does not work as a sheet metal worker.
- Select Yes if the subject does work as a sheet metal worker.

If Yes to Q14o, record the number of years worked in the space provided.

Item 14p. **Steelworker** Select only one option among the two possible choices.

- Select No if the subject does not work as a steelworker.
- Select Yes if the subject does work as a steelworker.

If Yes to Q14p, record the number of years worked in the space provided.

Item 14q. **Welder** Select only one option among the two possible choices.

- Select No if the subject does not work as a welder.
- Select Yes if the subject does work as a welder.

If Yes to Q14q, record the number of years worked in the space provided.

Item 14r. **Pig farmer** Select only one option among the two possible choices.

- Select No if the subject does not work as a pig farmer.
- Select Yes if the subject does work as a pig farmer.

If Yes to Q14r, record the number of years worked in the space provided.

Item 14s. **Rigger** Select only one option among the two possible choices.

- Select No if the subject does not work as a rigger.
- Select Yes if the subject does work as a rigger.

If Yes to Q14s, record the number of years worked in the space provided.

Item 14t. **Roofer** Select only one option among the two possible choices.

- Select No if the subject does not work as a roofer.
- Select Yes if the subject does work as a roofer.

If Yes to Q14t, record the number of years worked in the space provided.

Item 14u. **Painter** Select only one option among the two possible choices.

- Select No if the subject does not work as a painter.
- Select Yes if the subject does work as a painter.

If Yes to Q14u, record the number of years worked in the space provided.

Item 14v. **Mason** Select only one option among the two possible choices.

- Select No if the subject does not work as a mason.
- Select Yes if the subject does work as a mason.

If Yes to Q14v, record the number of years worked in the space provided.

Item 15. **Contact with vapors, gas, dust or fumes**

Item 15a. **Irritant gases, such as chlorine or ammonia** Select only one option among the two possible choices.

- Select No if the subject does not come in irritant gases, such as chlorine or ammonia.
- Select Yes if the subject comes in contact with irritant gases, such as chlorine or ammonia.

If Yes to Q15a, record the number of years worked in the space provided.

Item 15b. **Fire, smoke or other combustion products** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with fire, smoke or other combustion products.
- Select Yes if the subject comes in contact with fire, smoke or other combustion products.

If Yes to Q15b, record the number of years worked in the space provided.

Item 15c. **Incinerators, boilers, or oil refineries** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with incinerators, boilers, or oil refineries.
- Select Yes if the subject comes in contact with incinerators, boilers, or oil refineries.

If Yes to Q15c, record the number of years worked in the space provided.

Item 15d. **Coal dust or powder** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with coal dust or powder.
- Select Yes if the subject comes in contact with coal dust or powder.

If Yes to Q15d, record the number of years worked in the space provided.

Item 15e. **Silica or sand, or concrete, cement, or rock dust** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with silica or sand, or concrete, cement, or rock dust.
- Select Yes if the subject comes in contact with silica or sand, or concrete, cement, or rock dust.

If Yes to Q15e, record the number of years worked in the space provided.

Item 15f. **Indoor fuel powered motors, compressors, or engines** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with indoor fuel powered motors, compressors, or engines.
- Select Yes if the subject comes in contact with indoor fuel powered motors, compressors, or engines.

If Yes to Q15f, record the number of years worked in the space provided.

Item 15g. **Diesel engine exhaust** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with diesel engine exhaust.
- Select Yes if the subject comes in contact with diesel engine exhaust.

If Yes to Q15g, record the number of years worked in the space provided.

Item 15h. **Wheat flour or other grain dusts** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with wheat flour or other grain dusts.
- Select Yes if the subject comes in contact with wheat flour or other grain dusts.

If Yes to Q15h, record the number of years worked in the space provided.

Item 15i. **Animal feeds or fodder** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with animal feeds or fodder.

- Select Yes if the subject comes in contact with animal feeds or fodder.

If Yes to Q15i, record the number of years worked in the space provided.

Item 15j. **Cotton dust or cotton processing** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with cotton dust or cotton processing.
- Select Yes if the subject comes in contact with cotton dust or cotton processing.

If Yes to Q15j, record the number of years worked in the space provided.

Item 15k. **Wood dust or saw dust** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with wood dust or saw dust.
- Select Yes if the subject comes in contact with wood dust or saw dust.

If Yes to Q15k, record the number of years worked in the space provided.

Item 15l. **Cadmium fumes or batteries or silver solder** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with cadmium fumes or batteries or silver solder.
- Select Yes if the subject comes in contact with cadmium fumes or batteries or silver solder.

If Yes to Q15l, record the number of years worked in the space provided.

Item 15m. **Other metal dusts or metal fumes** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with other metal dusts or metal fumes.
- Select Yes if the subject comes in contact with other metal dusts or metal fumes.

If Yes to Q15m, record the number of years worked in the space provided.

Item 15n. **Welding or flame cutting** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with welding or flame cutting.
- Select Yes if the subject comes in contact with welding or flame cutting.

If Yes to Q15n, record the number of years worked in the space provided.

Item 15o. **Fiberglass or other man-made mineral fibers** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with fiberglass or other man-made mineral fibers.
- Select Yes if the subject comes in contact with fiberglass or other man-made mineral fibers.

If Yes to Q15o, record the number of years worked in the space provided.

Item 15p. **Explosives or blasting fumes** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with explosives or blasting fumes.
- Select Yes if the subject comes in contact with explosives or blasting fumes.

If Yes to Q15p, record the number of years worked in the space provided.

Item 15q. **Asbestos** Select only one option among the two possible choices.

- Select No if the subject does not come in contact with asbestos.
- Select Yes if the subject comes in contact with asbestos.

If Yes to Q15q, record the number of years worked in the space provided.

**Note:** If Q13d = Yes (that is, history of working in a mine) answer questions 16 and 17, otherwise Go to End.

Item 16. **Type of mine** Select only one option among the three possible choices.

- Select Open pit if the subject worked in an Open pit mine.
- Select Underground if the subject worked in an underground mine.
- Select Other if the subject worked in mine other than open pit or underground.

If Other to Q16a, specify the other type of mine in the space provided.

Item 17. **Material mined** Select only one option among the four possible choices.

- Select Hard rock (e.g., lead, zinc, silver, gold, etc.) if the subject mined hard rock (e.g., lead, zinc, silver, gold, etc.).
- Select Uranium if the subject mined uranium.
- Select Coal if the subject mined coal.
- Select Other if the subject mined a substance other those listed above.

If Other to Q17a, specify the other type of material that was mined in the space provided.

Save and close the form.