

Honor requirements were completed:

Date,..... signature.....

Honor was awarded by:.....

Date,..... signature.....

MINING

Górnictwo



This honor is achieved by:

.....

Prepared by: KZS 2018.

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This honor is achieved by:

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Honor requirements

1. Define the following terms:

| | |
|-----------------------------|---------------------------|
| a. mine, | e. excavational material, |
| b. mineshaft, | f. mine working, |
| c. drift (adit), | g. sidewall. |
| d. field (mineral deposit), | |
- Passed: date, signature
2. Name three main types of mines distinguished by the way of extraction of the excavational material and briefly describe each of them.
- Passed: date, signature
3. Make a list of at least 10 types of excavational material (including solid, fluid and gaseous state material) and tell the way of extraction according to the classification in #2.
- Passed: date, signature
4. Visit at least one mine. Gather information about its history, type of excavational material and some trivia. Present collected information in any form you choose.
- Passed: date, signature
5. Learn from mine employee about his typical day at work and how the safety of the whole team and individual miner is preserved.
- Passed: date, signature
6. Describe following dangers that may occur in the mining workplace and tell how to minimize the risk of accidents relevant to them:

| | |
|------------------------|----------------------|
| a. methane, | e. dust exposure, |
| b. carbon dioxide, | f. high temperature, |
| c. cave-ins/rockburst, | g. radiation. |
| d. water, | |
- Passed: date, signature
7. Name at least three negative environmental changes caused by mining processes.
- Passed: date, signature

8. Explain how important ventilation is in the mines and tell what equipment is used to provide fresh air to dead-end mine workings.
- Passed: date, signature
9. Tell how creationism explains formation of coalfields, natural gas and oil reserves.
- Passed: date, signature
10. Point out at least one verse/passage from the Bible which talks about mine and its excavational material.
- Passed: date, signature
11. Learn and explain at least one of the following passages:
 - a. Revelation 3,18;
 - b. Matthew 5,13;
 - c. Matthew 6,19-20.
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