**添付資料【煙火以外の火薬類の取扱中（製造中を除く。）の事故の場合】**

様式2

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 事故発生時の  気象状況 | | 天　候 | | | | | | | | | | | | | | | | | 気　温 | | | | | | | | | | | | | | | | 風　速 | | | | | | | | | | | | | | | | | | | | | | | | 特記事項 | | | | | |
|  | | | | | | | | | | | | | | | | | ℃ | | | | | | | | | | | | | | | | の風　　　　　m | | | | | | | | | | | | | | | | | | | | | | | | （　　　　　） | | | | | |
| 業　　種 | | 土木　（内容） | | | | | | | | | | | | | | | | | | 砕石 | | | | | | | | | | | | | | | | | | | 石切場 | | | | | | | | | | | | | | | | | | | | その他 | | | | | |
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| 現場区分 | | 貯蔵所 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 消費場所 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 火薬庫 | | | | | | | | | | 庫外貯蔵庫 | | | | | | | | | | | | | | | | | | 切羽 | | | | | | | | | 取扱所 | | | | | | | | その他 | | | | | | | | | | | | | | | | | |
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| 廃棄場所 | | | | | | | | | | 運搬路 | | | | | | | | | | | | | | | | | | その他 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 事故状況 | | 飛石 | | 発火 | | | | | | | | | | 火災 | | | | | | | | | | | 爆発 | | | | | | | 爆風 | | | | | | | | | | 落石 | | | | | | 落盤 | | | | | | | | | | その他 | | | | | | |
|  | |  | | | | | | | | | |  | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | |  | | | | | | | | | | （　　　　　　　） | | | | | | |
| 従事作業 | | 発破作業 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 廃棄作業 | | | | | | | | | | | 運搬作業 | |
| 発破等準備 | | | | | | | | | | | | | | 発破等本作業 | | | | | | | | | | | | | | | | 発破等後処理 | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | |  | |
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| その他 | | | | | | | （　　　　　　　　　　　　　　　　　　　　　　　　　　　） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 許可等の有無 | | 消費許可 | | | |  | | | | | | | | | | | 廃棄許可 | | | | | | | | | | |  | | | | | | 運搬証明 | | | | | | | | | | |  | | | | | | | | その他 | | | | | | | | | （　　　　　） | | |
| 許可条件 | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 発  破  関  係 | 関係従事者 | 手帳所持者 | | | | | | | | | 黒　　　　　人 | | | | | | | | | | | | | | | | | | 青　　　　　人 | | | | | | | | | | | | | | 黄　　　　　人 | | | | | | | | | | | | 計　　　　　　　　人 | | | | | | | | | |
| 発破種別 | ベンチ | | | | | | | | | | | 盤下げ | | | | | | | | | | | | | | 小割 | | | | | | | | | トンネル | | | | | | | | | | | | | 深礎 | | | | | | | | | | | その他 | | | | |
| （高さ：　　　） | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | （　　　　） | | | | |
| 使用薬種 | 親ダイ： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 増ダイ： | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 使用雷管・  火工品 | 電気雷管 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 工業雷管 | | | | | | | | | | | | | | 個 | | | | |
| 瞬発 | | | ＤＳ | | | | | | | | | | ＭＳ | | | | | | | | | 電子遅延式 | | | | | | | | | | | | | | 段数 | | | | | | | | 導火管  付き雷管 | | | | | | | | | | | | | | 親ﾀﾞｲ用　　　　個  ｺ ﾈ ｸ ﾀ　　　　 個 | | | | |
| 個 | | | 個 | | | | | | | | | | 個 | | | | | | | | | 個 | | | | | | | | | | | | | | 段 | | | | | | | |
| 導爆線　　　　　　m | | | | | | | | | | | | | | | | 導火線　　　　　　m | | | | | | | | | | | | | | | | | その他（　　　　　　　　　　　　　　　　） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| せん孔 | 孔径(mm) | | | | | | 角度(°) | | | | | | | | | | | | | | 孔数 | | | | | | | | | | | 孔長(m) | | | | | | | | | | | 孔間隔(m) | | | | | | | | | | | | | 最小抵抗線(m) | | | | | | | |
| mm | | | | | | ° | | | | | | | | | | | | | |  | | | | | | | | | | | m | | | | | | | | | | | m | | | | | | | | | | | | | m | | | | | | | |
| 装薬方法 | 1 孔当たり装薬量 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 総装薬量（全孔）kg | | | | | | | | |
| 親ダイ（kg） | | | | | | | | | | | | | | | | | | | 増ダイ（kg） | | | | | | | | | | | | | | | | | | 計（kg） | | | | | | | | | | | | | | | | | kg | | | | | | | | |
| kg | | | | | | | | | | | | | | | | | | | kg | | | | | | | | | | | | | | | | | | kg | | | | | | | | | | | | | | | | |
| 発破係数 | （計算根拠　　　　　　　　　　　　　　　　　　　） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 込め物種類・  長さ | くり粉 | | | | | 砂 | | | | | | | | | | | | | | | | 砕石 | | | | | | | | | | | | | | 粘土 | | | | | | | | | | | | | その他 | | | | | | | | | | | | | | 長さm |
|  | | | | |  | | | | | | | | | | | | | | | | （　　号） | | | | | | | | | | | | | |  | | | | | | | | | | | | | （　　　　） | | | | | | | | | | | | | | m |
| 岩の種類 | 珪岩 | 硬砂岩 | | | | | | | 砂岩 | | | | | | | | | | 花崗岩 | | | | | | 輝緑岩 | | | | | 安山岩 | | | | | | | | | | 玄武岩 | | | | | 石灰岩 | | | | | | | | 頁岩 | | | | | | | その他 | | | |
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|  | 岩の状況等 | 節理等： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 湧水： | | | | | | | | | | | | | | | | | | | | | | | | |
| 防護措置 | 一次防護： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 二次防護： | | | | | | | | | | | | | | | | | | | | | | | | |
| 点火・  退避位置 |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 特記事項 |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**添付資料【煙火以外の火薬類の取扱中（製造中を除く。）の事故の場合（記載要領）】**

様式2（記載要領）

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 事故発生時の  気象状況 | | 天　候 | | | | | | | | | | | | | | | | | 気　温 | | | | | | | | | | | | | | | | 風　速 | | | | | | | | | | | | | | | | | | | | | | | | 特記事項 | | | | | |
| 晴れ | | | | | | | | | | | | | | | | | 24℃ | | | | | | | | | | | | | | | | 不明　　　　　m | | | | | | | | | | | | | | | | | | | | | | | | （　　　　　） | | | | | |
| 業　　種 | | 土木　（内容） | | | | | | | | | | | | | | | | | | 砕石 | | | | | | | | | | | | | | | | | | | 石切場 | | | | | | | | | | | | | | | | | | | | その他 | | | | | |
|  | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | （　　　　　　　） | | | | | |
| 現場区分 | | 貯蔵所 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 消費場所 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 火薬庫 | | | | | | | | | | 庫外貯蔵庫 | | | | | | | | | | | | | | | | | | 切羽 | | | | | | | | | 取扱所 | | | | | | | | その他 | | | | | | | | | | | | | | | | | |
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| 廃棄場所 | | | | | | | | | | 運搬路 | | | | | | | | | | | | | | | | | | その他 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 事故状況 | | 飛石 | | 発火 | | | | | | | | | | 火災 | | | | | | | | | | | 爆発 | | | | | | | 爆風 | | | | | | | | | | 落石 | | | | | | 落盤 | | | | | | | | | | その他 | | | | | | |
| ● | |  | | | | | | | | | |  | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | |  | | | | | | | | | | （　　　　　　　） | | | | | | |
| 従事作業 | | 発破作業 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 廃棄作業 | | | | | | | | | | | 運搬作業 | |
| 発破等準備 | | | | | | | | | | | | | | 発破等本作業 | | | | | | | | | | | | | | | | 発破等後処理 | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | |  | |
|  | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| その他 | | | | | | | （　　　　　　　　　　　　　　　　　　　　　　　　　　　） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 許可等の有無 | | 消費許可 | | | | ● | | | | | | | | | | | 廃棄許可 | | | | | | | | | | |  | | | | | | 運搬証明 | | | | | | | | | | |  | | | | | | | | その他 | | | | | | | | | （　　　　　） | | |
| 許可条件 | | 砕石場の県道○○号線に通行車両等がないことを確認のうえ、点火すること。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 発  破  関  係 | 関係従事者 | 手帳所持者 | | | | | | | | | 黒　　　　3人 | | | | | | | | | | | | | | | | | | 青　　　2人 | | | | | | | | | | | | | | 黄　　　　0人 | | | | | | | | | | | | 計　　　　　　　5人 | | | | | | | | | |
| 発破種別 | ベンチ | | | | | | | | | | | 盤下げ | | | | | | | | | | | | | | 小割 | | | | | | | | | トンネル | | | | | | | | | | | | | 深礎 | | | | | | | | | | | その他 | | | | |
| ●（高さ：　10ｍ） | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | （　　　　） | | | | |
| 使用薬種 | 親ダイ：含水爆薬 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 増ダイ：アンホ爆薬（重袋） | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 使用雷管・  火工品 | 電気雷管 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 工業雷管 | | | | | | | | | | | | | | 個 | | | | |
| 瞬発 | | | ＤＳ | | | | | | | | | | ＭＳ | | | | | | | | | 電子遅延式 | | | | | | | | | | | | | | 段数 | | | | | | | | 導火管  付き雷管 | | | | | | | | | | | | | | 親ﾀﾞｲ用　　　　個  ｺ ﾈ ｸ ﾀ　　　　 個 | | | | |
| 2個 | | | 個 | | | | | | | | | | 10個 | | | | | | | | | 個 | | | | | | | | | | | | | | 2～5段 | | | | | | | |
| 導爆線　　　　　　m | | | | | | | | | | | | | | | | 導火線　　　　　　m | | | | | | | | | | | | | | | | | その他（　　　　　　　　　　　　　　　　） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| せん孔 | 孔径(mm) | | | | | | 角度(°) | | | | | | | | | | | | | | 孔数 | | | | | | | | | | | 孔長(m) | | | | | | | | | | | 孔間隔(m) | | | | | | | | | | | | | 最小抵抗線(m) | | | | | | | |
| 65mm | | | | | | 75° | | | | | | | | | | | | | | 12 | | | | | | | | | | | 11m | | | | | | | | | | | 3m | | | | | | | | | | | | | 3m | | | | | | | |
| 装薬方法 | 1 孔当たり装薬量 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 総装薬量（全孔）kg | | | | | | | | |
| 親ダイ（kg） | | | | | | | | | | | | | | | | | | | 増ダイ（kg） | | | | | | | | | | | | | | | | | | 計（kg） | | | | | | | | | | | | | | | | | 249.0kg | | | | | | | | |
| 0.75kg | | | | | | | | | | | | | | | | | | | 20kg | | | | | | | | | | | | | | | | | | 20.75kg | | | | | | | | | | | | | | | | |
| 発破係数 | （計算根拠　　23.75kg/（10m×3m×3m）　　　　　　　） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 込め物種類・  長さ | くり粉 | | | | | 砂 | | | | | | | | | | | | | | | | 砕石 | | | | | | | | | | | | | | 粘土 | | | | | | | | | | | | | その他 | | | | | | | | | | | | | | 長さm |
|  | | | | | ● | | | | | | | | | | | | | | | | （　　号） | | | | | | | | | | | | | |  | | | | | | | | | | | | | （　　　　） | | | | | | | | | | | | | | m |
| 岩の種類 | 珪岩 | 硬砂岩 | | | | | | | 砂岩 | | | | | | | | | | 花崗岩 | | | | | | 輝緑岩 | | | | | 安山岩 | | | | | | | | | | 玄武岩 | | | | | 石灰岩 | | | | | | | | 頁岩 | | | | | | | その他 | | | |
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|  | 岩の状況等 | 節理等：かなり節理が発達している。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 湧水：なし | | | | | | | | | | | | | | | | | | | | | | | | |
| 防護措置 | 一次防護：なし | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 二次防護：道路境界に高さ5mの金網フェンス | | | | | | | | | | | | | | | | | | | | | | | | |
| 点火・  退避位置 | 切羽横方向150mの位置(点火ボックス使用)。発破関係者以外は事務所へ退避。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 特記事項 | 飛石の大きさ・数：拳大2個　　方向・距離：切羽正面250ｍ  発破パターン図別紙 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |