

CHISU

HAZARD MANAGEMENT PLAN

This document sets out how Chisu will manage risks to workers" Health and Safety associated with the principal hazard that has been identified at the working place.

August 2020

Purpose

The purpose of this hazard management plan is to prevent Hazardous materials from being released into the environment in the process of transport, storage or fabrication by Chisu, and unauthorized or untrained personnel from handling.

Hazardous Materials Handled by Chisu

Product Name	Hazard classification	way to retrieve	PPE	Way of disposal
		Collect and count and put	Safety Gloves, Glasses	
Senatel Magnafrac	1.1	back in boxes or bags	,shoes	Detonation /Burning
		Collect and count and put	Safety Gloves, Glasses	
Exel Handidet	1.1	back in boxes or bags	,shoes	Detonation
		Collect and count and put	Safety Gloves, Glasses	
Exel Connectadet	1.4	back in boxes or bags	,shoes	Detonation
		Collect and count and put	Safety Gloves, Glasses	
Pentax Boosters	1.1	back in boxes or bags	,shoes	Detonation
		Collect and count and put	Safety Gloves, Glasses	
Down the hole detonators	1.1	back in boxes or bags	,shoes	Detonation
			Safety Gloves, Glasses	
Anfo	1.3	scoop up and put in bags	,shoes and respirator	Burning
			Safety Gloves, Glasses	
Ammonium Nitrate	1.5	scoop up and put in bags	,shoes and dust mask	Burning
			Safety Gloves, Glasses	
Bulk emulsion	5.1	scoop up and put in bags	,shoes	detonation
		Collect , measure and put	Safety Gloves, Glasses	
Lead In line	1.4	back in boxes or bags	,shoes	detonation

Product name	Hazards Classifica- tion	Way to retrieve	PPE	Way of Disposal
Chisu Lead in Line	1.4	Collect, measure and put back in box or bag	Safety gloves, glasses, shoes	Detonation
Chisu Double Detonator	1.1	Collect and count and put back in boxes or bags	Safety gloves, glasses, shoes	Detonation

Chisu Surface Con- nector	1.4	Collect and count and put back in boxes or bags	Safety gloves, glasses, shoes	Detonation
Chisu ANFO	1.3	Scoop up and put in bags	Safety gloves, glasses, shoes	Burning

Security

All hazardous materials category 1, (Explosives) Must:

- Be stored at a location secured by the National Army of Suriname.
- Be only transported from and to these locations with authorization from the head of the department, responsible for the security of the storage location.

Current approved Storage Locations used by Chisu:

-	Ayoko Military Kazerne	District of Para
-	Military Ammunition Bunker	Paramaribo

Moengo Military Kazerne District of Marowijne
Chisu CBO Explosive Storage Facility. District of Marowijne

Transportation

Transportation of Hazardous material is only possible between the above mentioned storage locations, and from one of the storage locations to the Mining area of the end user of the products.

How to operate

The following precaution measures are mandatory:

- The name of the product must be placed on all storage containers.
- The hazardous classification must be placed on all storage containers.
- In every storage container there must be an actual updated stock list.
- During transport there must always be a delivery note present containing the amount of material, being transported.
- Material to retrieve a spill must be available and close at hand.



Other transportation possibilities are not yet provided.

Official Port Facilities

- Kuldipsing Port Facility at Dijkveld, District Wanica
- Dr. Jules Sedney Port in Paramaribo, Paramaribo
- DP World Port at Smalkalden, District Para
- Traymore Port in Moengo, District Marowijne

Official Airport:

- Johan Adolf Pengel Airport, District Para

Incidents

Any incident at one of these storage facilities, will be handled through the Military Emergency Procedure In cooperation with NCCR (National Coordination Centre for Disaster Management).