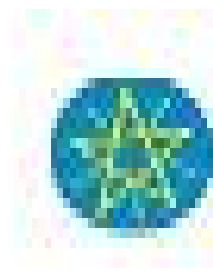


National List of Psychotropic Substances and Narcotic drugs

**Ethiopian Food Medicine and Healthcare Administration
and Control Authority**

**Addis Ababa
May, 2017**



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Introduction

The history of drug abuse is as old as the history of mankind. Since ancient times, human beings have been using the different parts of plants (roots, leaves, stems, etc...) as medicine for relieving different health conditions and also as mediators in different religious and cultural ceremonies. Later on people have come to realize that the use of certain plants produce addiction, dependence and misconduct when they are abused since many years ago.

Yet, until the 1950s drug abuse was uncommon phenomenon. It was a faceless, underground problem that didn't produce much media attention and an industry that didn't generate the exceedingly large profits seen today.

Modernization and expansion of transportation and communication systems, especially the era of globalization have paved the way for proliferation of trade among peoples of different nations that has also facilitated for the migration of people from place to place along with their tradition and beliefs. Plants and drugs that were formerly of local significance have become familiar and available in other parts of the world.

Today, there is an estimated 190 million drug users around the globe, which accounts of 3.1% of the world population or 4.3% of the population aged 15 and above. While the majority of illegal drugs are consumed in industrialized nations, drug addiction is no longer the rich nation's problem or the poor nation's affliction. It crosses national, ethnic, religious class and gender lines. Addicts range from the homeless to white-collar professionals, college students, sex workers, rural farmers and street children.

Drug abuse by an individual or by a group of people is rarely caused by a single factor. Instead, the interplay between a multitude of individual, social, and environmental conditions and factors that put an individual at risk of abusing drugs is constantly changing and varies from community to community and from individual to individual.

Substance of abuse include not only substances classified under international law as controlled drugs, which include narcotic drugs; such as opium and its derivatives, coca and its derivatives, cannabis and Psychotropic Substances such as depressants, stimulants, hallucinogens, tobacco but refers also to other substance with abuse potential but not subject to international control such as Alcohol, Khat and Volatile Substances.

On the other hand, Substances of abuse can be classified into licit, those substances obtained from legally that are made available for medical application and research purpose and illicit those substances that obtained illegally are used for illicit purpose.

PURPOSE

This document contains the current list of psychotropic substance and narcotic drugs under national control to assist health professional in promoting rational drug use of psychotropic substance and narcotic drugs.

Part 1

Gives a list of Psychotropic substance under National control in Schedules I – IV of the Convention on Psychotropic substances of 1971.

Part 2

Gives a list of Narcotic drugs under national control; it is subdivided into three sections:

Section I listing those drugs included in Schedule I of the 1961 convention

Section II listing those drugs included in Schedule II of the 1961 convention

Part 3

Contains table showing pure drug content of bases and salts of Psychotropic substance under National control

Part 4

Contains tables showing pure anhydrous drug content of esters,ethers and salts of narcotic drugs listed in the Schedules as well as the equivalents, in terms of the pure anhydrous drug of certain extracts and tinctures.

Part I

Psychotropic Substances in Schedule III

International non-proprietary name	Chemical names
PENTAZOCINE	(2R*,6R*,11R*)-1,2,3,4,5,6-hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-2,6-methano-3-benzazocin-8-ol
PENTOBARBITAL	5-ethyl-5-(1-methylbutyl)barbituric acid

Psychotropic Substances in Schedule IV

International non-proprietary name	Chemical names
ALPRAZOLAM	8-chloro-1-methyl-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine
BROMAZEPAM	7-bromo-1,3-dihydro-5-(2-pyridyl)-2H-1,4-benzodiazepine-2-one
CHLORDIAZEPOXIDE	7-chloro-2-(methylamino)-5-phenyl-3H-1,4-benzodiazepine-4-Oxide
CLONAZEPAM	5-(o-chlorophenyl)-1,3-dihydro-7-nitro-2H-1,4-benzodiazepine-2-one
DIAZEPAM	7-chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one
FLURAZEPAM	7-chloro-1-[2-(diethylamino)ethyl]-5-(o-flourophenyl)1,3-dihydro-2H-1,4-benzodiazepin-2-one
LORAZEPAM	7-chloro-5-(o-chlorophenyl)-1,3-dihydro-3-hydroxy-2H-1,4-benzodiazepin-2-one
MEDAZEPAM	7-chloro-2,3-dihydro-1-methyl-5-phenyl-1H-1,4-benzodiazepine
MIDAZOLAM	8-chloro-6-(o-fluorophenyl)-1-methyl-4H-imidazol[1,5- α][1,4]benzodiazepine
OXAZEPAM	7-chloro-1,3-dihydro-3-hydroxy-5-phenyl-2H-1,4-benzodiazepin-2-one
PHENOBARBITAL	5-ethyl-5-phenylbarbituric acid
TEMAZEPAM	7-chloro-1,3-dihydro-3-hydroxy-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one
ZOLPIDEM	N,N,6-trimethyl-2-p-tolylimidazol[1,2- α]pyridine-3-acetamide

Part II

Section 1

Drugs included in schedule I of the 1961 convention

Narcotic Drugs	Description/Chemical names
COCAINE	Methyl ester of benzoylecgonine*
DIPHENOXYLATE	1-(3-cyano-3,3-diphenylpropyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester
FENTANYL	1-phenethyl-4-N-propionylanilinopiperidine
METHADONE	6-dimethylamino-4,4-diphenyl-3-heptanone
MORPHINE	
PETHIDINE	1-methyl-4-phenylpiperidine-4-carboxylic acid ethyl ester

Section 2

Drugs included in schedule II of the 1961 convention

Narcotic Drugs	Description/Chemical names
CODEINE	3-methylmorphine

Part III

Pure drug content of bases and salts of psychotropic substances Dosage form and Strength under international control.

Psychotropic substance	Base/salt	Approximate pure anhydrous base content (percentage)	Dosage form
ALPRAZOLAM			<i>Tablet, 0.25mg, 0.5mg, 1mg</i>
BROMAZEPAM			<i>Tablet, 1.5mg, 3mg, 6mg</i>
CHLORDIAZEPOXIDE	Hydrochloride/Clidinium	89	<i>Tablet, 5mg, 10mg, 25mg</i>
CLONAZEPAM			<i>Injection, 1mg/ml in 1ml ampoule, Tablet, 0.5mg, 1mg, 2mg</i>
DIAZEPAM			<i>Injection, 5mg/ml in 2ml ampoule, Suppository, 5mg, 10mg, Syrup, 2mg/5ml, Tablet, 2mg, 5mg, 10mg</i>
FLURAZEPAM	Dihydrochloride Monohydrochloride	84 91	<i>Capsule, 15 mg, 30mg</i>
LORAZEPAM	Acetate	84	<i>Tablet(Sublingual),1mg, 2mg, Injection, 1mg, 4mg</i>
MEDAZEPAM	Hydrochloride	88	<i>Capsule, 5mg, 10mg</i>
MIDAZOLAM	Hydrochloride Maleate	90 74	<i>Injection, 1mg/ml, 2mg/ml, 5mg/ml, Syrup, 2mg/ml, Tablet, 10mg</i>
OXAZEPAM	Acetate	83	<i>Tablet, 10mg</i>
PENTAZOCINE	Hydrochloride Lactate	89 76	<i>Injection, 30mg/ml in 1ml ampoule, Tablet, 50mg</i>
PENTOBARBITAL	Calcium (2 mol.base) Sodium		<i>Capsule, 50mg, 100mg, Injection (sodium), 50mg/ml in 50ml, Suppository(Sodium), 30mg, 60mg</i>
PHENOBARBITAL	Sodium Ammonium Calcium (2 mol.base)	91 93 92	<i>Injection (sodium), 25mg/ml, 100mg/ml, Tablet, 15mg, 30mg, 60mg, 100mg, Elixir, 20mg/5ml</i>
TEMAZEPAM			<i>Capsule, 10mg, 15mg, 20mg, 30mg</i>
ZOLPIDEM	Hemitartrate	80	<i>Tablet, 10mg</i>

Part IV

Tables showing the pure anhydrous drug content of drugs, Dosage form and Strength listed in the schedules of the 1961 Convention

Drug	Ester/ether/salt	Approximate pure anhydrous drug content (percentage)	Dosage form
Cocaine	Hydrochloride	89	Topical Solution, 4% (40mg/ml), 10%(100mg/ml)
Codiene	Phosphate	74	Linctus 15mg/5ml, tablet 30mg, Injection 30mg/ml in 1ml ampoule
Diphenoxylate	Hydrochloride, Atropine Sulphate	93	Tablet 2.5mg + 0.05mg
Fentanyl	Citrate	64	Injection 50mcg/ml
Methadone	Hydrochloride	90	Injection 10mg/ml, 20mg/ml, 30mg/ml in 1ml ampoule
Morphine	Sulphate	75	Capsule(m/r) 20mg,50mg, 100mg,200mg Granules for oral suspension 30mg,60mg,100mg,200mg in sachet.
	Hydrochloride	89	Injection 10mg/ml, 20mg/ml Oral solution 5mg/5ml, 10mg/5ml, 20mg/5ml, 50mg/ml,100mg/5ml Suppository 10mg,15mg,20mg,30mg, Tablet 5mg,10mg,15mg,20mg, 30mg
Pethidine	Hydrochloride	87	Injection 50mg/ml in 1ml and 2ml ampoules

ANNEX 1

Health Institutions Authorized to handle Narcotic drug or Psychotropic prescription.

Se.No	Type of Health institution	Type of prescription		Remark
		Narcotic	Psychotropic	
1	Hospital	✓	✓	
2	Health center	✓	✓	
3	Specialty center	✓	✓	
3	Clinic			
	• Specialty clinic		✓	
	• Medium		✓	
	• Nursing home		✓	
	• Primary clinic			

Annex 1

FORM NPS/01/A

Quarterly Statistics of Imports of Narcotic Drugs

Name of Reporting Organization _____

Address: Region _____ City/Town _____

P.O. Box _____ Tel. _____

These statistics relates to the _____ quarter of the calendar year _____

Ser. No.	Narcotic Drug	Dosage Form	Strength	Quantity				Stock at the end of the quarter	Import Permit/ No.	Remark
				At the Beginning of the Quarter	Imported	Locally Purchased	Distributed			

Remark:-Report of the Narcotic drugs is required quarterly on G.C calendar

Remark: -Report on all controlled Narcotic Drugs is required annually

1. Codeine Phosphate
2. Methadone
3. Methadone Hydrochloride
4. Morphine Hydrochloride
5. Morphine Sulphate
6. Pethidine Hydrochloride
7. Fentanyl
8. Cocaine Hydrochloride
9. Diphenoxylate Hydrochloride + Atropine Sulphate

Annex 10

FORM NPS/08/A

Date _____

DISPENSED AND ADMINISTRED NARCOTIC DRUGS RECORD IN HEALTH INSTITUTION

Name of Health Institution: _____

Serial No. _____

Description of Drug _____ Quantity Issued _____

Ward/Department _____

Chief pharmacist: Name _____ Signature _____

Head Nurse: Name _____ Signature _____

FORM NPS/08/A

Date _____

Name of Health Institution: _____

Serial No. _____

The following is an accurate record of _____

Total quantity _____ each used in ward Department _____

Please fill the following record clearly and neatly.

Date	Hour	Name of patient	Bed No.	Chart No.	Nurse	Dose

Ward physician: Name _____ Signature _____

Ward Head Nurse: Name _____ Signature _____

Annex 11

FORM NPS/08/B

Date _____

DISPENSED AND ADMINISTRED PSYCHOTROPIC SUBSTANCE RECORD IN HEALTH INSTITUTION

Name of Health Institution: _____

Serial No. _____

Description of Drug _____ Quantity Issued _____

Ward/Department _____

Chief pharmacist: Name _____ Signature _____

Head Nurse: Name _____ Signature _____

FORM NPS/08/B

Date _____

Name of Health Institution: _____

Serial No. _____

The following is an accurate record of _____

Total quantity _____ each used in ward Department _____

Please fill the following record clearly and neatly.

Date	Hour	Name of patient	Bed No.	Chart No.	Nurse	Dose

Ward physician: Name _____ Signature _____

Ward Head Nurse: Name _____ Signature _____

Annex 12

FORM NPS/09/A

Record of Dispensed Narcotic Drugs in Dispensary Pharmacy of Health Institution

Name of Health Institution _____

Address _____

Serial No. _____

S.No	Date	Name of patient	Age	Sex	Address	Description of drug	Quantity dispensed	Name of prescriber	Prescription serial No

Remark: Record on the Psychotropic Drugs is required

Annex 13

FORM NPS/09/B

Record of Dispensed Psychotropic Drugs in Dispensary Pharmacy of Health Institution

Name of Health Institution _____

Address _____

Serial No. _____

S.No	Date	Name of patient	Age	Sex	Address	Description of drug	Quantity dispensed	Name of prescriber	Prescription serial No

Remark: Record on the Psychotropic Drugs is required

Annex 21

Form NPS/14

Ref. No _____

Date _____

Disposal Certificate of Expired/unfit for use Narcotic drugs, psychotropic Substances or precursor chemicals

We here by certify that Narcotic drug(s), psychotropic substance(s) or precursor chemicals enumerated /imported/ stocked in _____ have been destroyed under the direct supervision of inspector(s) of the _____ on _____

S.No	discription	Unit	quantity	Batch no	Expiry date	MFD	manufacturers	Country of origin	remark

Inspectors Signature Date Signature of authorized person

- 1. _____
- 2. _____
- 3. _____

Note: -One copy of this verbal is sent to Food, Medicine and Healthcare administration and Control Authority

Original _____

2nd copy _____

3rd copy _____