

<b>Report</b>
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IREMAR  
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**1 Specifications**

Include specifications here...

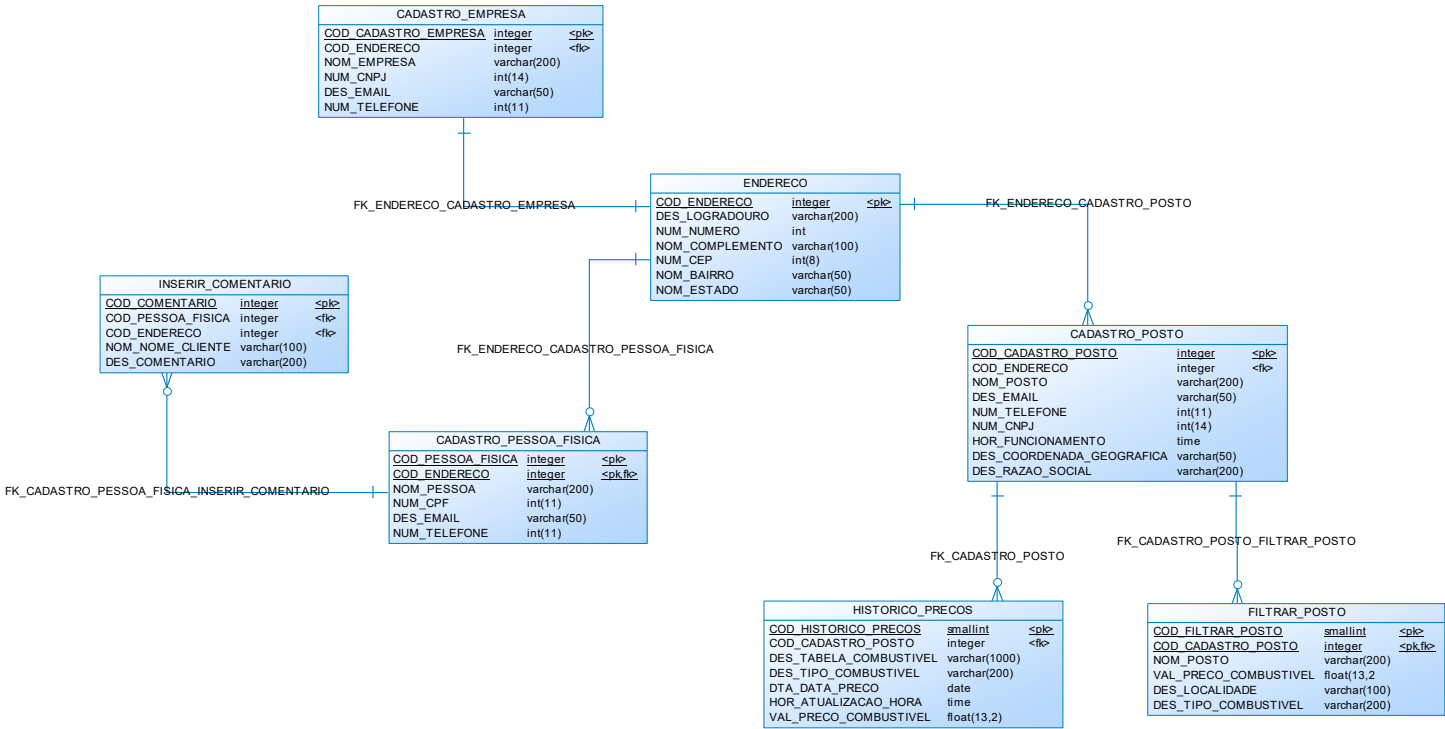
**2 Model information****2.1 Card of model DER**

<i>Name</i>	DER
<i>Code</i>	PHYSICALDATAMODEL_1
<i>Comment</i>	
<i>DBMS</i>	MySQL 5.0
<i>Database</i>	<None>

3 PDM Diagrams

3.1 Model level diagrams

3.1.1 Diagram DER



## 4 Physical diagrams objects

### 4.1 References

#### 4.1.1 Model level references

##### 4.1.1.1 List of references

Name	Code	Parent Table	Child Table
FK_CADASTRO_PESSOA_FISICA_INSERTIR_COMENTARIO	FK_CADASTRO_PESSOA_FISICA_INSERTIR_COMENTARIO	CADASTRO_PESSOA_FISICA	INSERTIR_COMENTARIO
FK_CADASTRO_POSTO	FK_CADASTRO_POSTO	CADASTRO_POSTO	HISTORICO_PRECOS
FK_CADASTRO_POSTO_FILTRAR_POSTO	FK_CADASTRO_POSTO_FILTRAR_POSTO	CADASTRO_POSTO	FILTRAR_POSTO
FK_ENDERECO_CADASTRO_EMPRESA	FK_ENDERECO_CADASTRO_EMPRESA	ENDERECO	CADASTRO_EMPRESA
FK_ENDERECO_CADASTRO_PESSOA_FISICA	FK_ENDERECO_CADASTRO_PESSOA_FISICA	ENDERECO	CADASTRO_PESSOA_FISICA
FK_ENDERECO_CADASTRO_POSTO	FK_ENDERECO_CADASTRO_POSTO	ENDERECO	CADASTRO_POSTO

##### 4.1.1.2 Reference FK\_CADASTRO\_PESSOA\_FISICA\_INSERTIR\_COMENTARIO

###### 4.1.1.2.1 Card of reference FK\_CADASTRO\_PESSOA\_FISICA\_INSERTIR\_COMENTARIO

Name	FK_CADASTRO_PESSOA_FISICA_INSERTIR_COMENTARIO
Code	FK_CADASTRO_PESSOA_FISICA_INSERTIR_COMENTARIO
Parent Table	CADASTRO_PESSOA_FISICA
Child Table	INSERTIR_COMENTARIO

###### 4.1.1.2.2 Code preview of the reference FK\_CADASTRO\_PESSOA\_FISICA\_INSERTIR\_COMENTARIO

alter table INSERTIR\_COMENTARIO add constraint FK\_CADASTRO\_PESSOA\_FISICA\_INSERTIR\_COMENTARIO foreign key (COD\_PESSOA\_FISICA, COD\_ENDERECO)

references CADASTRO\_PESSOA\_FISICA (COD\_PESSOA\_FISICA, COD\_ENDERECO) on delete restrict on update restrict;

###### 4.1.1.2.3 List of diagrams containing the reference FK\_CADASTRO\_PESSOA\_FISICA\_INSERTIR\_COMENTARIO

Name	Code
DER	PHYSICALDIAGRAM_1

###### 4.1.1.2.4 List of reference joins of the reference FK\_CADASTRO\_PESSOA\_FISICA\_INSERTIR\_COMENTARIO

Parent Table Column	Child Table Column
COD_PESSOA_FISICA	COD_PESSOA_FISICA
COD_ENDERECO	COD_ENDERECO

###### 4.1.1.2.5 List of extended attributes of the reference FK\_CADASTRO\_PESSOA\_FISICA\_INSERTIR\_COMENTARIO

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchType		MySQL 5.0

##### 4.1.1.3 Reference FK\_CADASTRO\_POSTO

###### 4.1.1.3.1 Card of reference FK\_CADASTRO\_POSTO

Name	FK_CADASTRO_POSTO
Code	FK_CADASTRO_POSTO

<i>Parent Table</i>	CADASTRO_POSTO
<i>Child Table</i>	HISTORICO_PRECOS

#### 4.1.1.3.2 Code preview of the reference FK CADASTRO\_POSTO

alter table HISTORICO\_PRECOS add constraint FK\_CADASTRO\_POSTO foreign key (COD\_CADASTRO\_POSTO)  
references CADASTRO\_POSTO (COD\_CADASTRO\_POSTO) on delete restrict on update restrict;

#### 4.1.1.3.3 List of diagrams containing the reference FK CADASTRO\_POSTO

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

#### 4.1.1.3.4 List of reference joins of the reference FK CADASTRO\_POSTO

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO

#### 4.1.1.3.5 List of extended attributes of the reference FK CADASTRO\_POSTO

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### 4.1.1.4 Reference FK CADASTRO\_POSTO FILTRAR\_POSTO

##### 4.1.1.4.1 Card of reference FK CADASTRO\_POSTO FILTRAR\_POSTO

<i>Name</i>	FK_CADASTRO_POSTO_FILTRAR_POSTO
<i>Code</i>	FK_CADASTRO_POSTO_FILTRAR_POSTO
<i>Parent Table</i>	CADASTRO_POSTO
<i>Child Table</i>	FILTRAR_POSTO

##### 4.1.1.4.2 Code preview of the reference FK CADASTRO\_POSTO FILTRAR\_POSTO

alter table FILTRAR\_POSTO add constraint FK\_CADASTRO\_POSTO\_FILTRAR\_POSTO foreign key  
(COD\_CADASTRO\_POSTO)  
references CADASTRO\_POSTO (COD\_CADASTRO\_POSTO) on delete restrict on update restrict;

##### 4.1.1.4.3 List of diagrams containing the reference FK CADASTRO\_POSTO FILTRAR\_POSTO

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

##### 4.1.1.4.4 List of reference joins of the reference FK CADASTRO\_POSTO FILTRAR\_POSTO

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO

##### 4.1.1.4.5 List of extended attributes of the reference FK CADASTRO\_POSTO FILTRAR\_POSTO

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### 4.1.1.5 Reference FK ENDERECO\_CADASTRO\_EMPRESA

##### 4.1.1.5.1 Card of reference FK ENDERECO\_CADASTRO\_EMPRESA

<i>Name</i>	FK_ENDERECO_CADASTRO_EMPRESA
<i>Code</i>	FK_ENDERECO_CADASTRO_EMPRESA
<i>Parent Table</i>	ENDERECO

<i>Child Table</i>	CADASTRO_EMPRESA
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#### **4.1.1.5.2 Code preview of the reference FK ENDERECO CADASTRO EMPRESA**

alter table CADASTRO\_EMPRESA add constraint FK\_ENDERECO\_CADASTRO\_EMPRESA foreign key (COD\_ENDERECO) references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

#### **4.1.1.5.3 List of diagrams containing the reference FK ENDERECO CADASTRO EMPRESA**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

#### **4.1.1.5.4 List of reference joins of the reference FK ENDERECO CADASTRO EMPRESA**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_ENDERECO	COD_ENDERECO

#### **4.1.1.5.5 List of extended attributes of the reference FK ENDERECO CADASTRO EMPRESA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### **4.1.1.6 Reference FK ENDERECO CADASTRO PESSOA FISICA**

##### **4.1.1.6.1 Card of reference FK ENDERECO CADASTRO PESSOA FISICA**

<i>Name</i>	FK_ENDERECO_CADASTRO_PESSOA_FISICA
<i>Code</i>	FK_ENDERECO_CADASTRO_PESSOA_FISICA
<i>Parent Table</i>	ENDERECO
<i>Child Table</i>	CADASTRO_PESSOA_FISICA

##### **4.1.1.6.2 Code preview of the reference FK ENDERECO CADASTRO PESSOA FISICA**

alter table CADASTRO\_PESSOA\_FISICA add constraint FK\_ENDERECO\_CADASTRO\_PESSOA\_FISICA foreign key (COD\_ENDERECO) references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

##### **4.1.1.6.3 List of diagrams containing the reference FK ENDERECO CADASTRO PESSOA FISICA**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

##### **4.1.1.6.4 List of reference joins of the reference FK ENDERECO CADASTRO PESSOA FISICA**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_ENDERECO	COD_ENDERECO

##### **4.1.1.6.5 List of extended attributes of the reference FK ENDERECO CADASTRO PESSOA FISICA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

#### **4.1.1.7 Reference FK ENDERECO CADASTRO POSTO**

##### **4.1.1.7.1 Card of reference FK ENDERECO CADASTRO POSTO**

<i>Name</i>	FK_ENDERECO_CADASTRO_POSTO
<i>Code</i>	FK_ENDERECO_CADASTRO_POSTO
<i>Parent Table</i>	ENDERECO
<i>Child Table</i>	CADASTRO_POSTO



**4.1.1.7.2 Code preview of the reference FK\_ENDERECO\_CADASTRO\_POSTO**

alter table CADASTRO\_POSTO add constraint FK\_ENDERECO\_CADASTRO\_POSTO foreign key (COD\_ENDERECO)  
references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

**4.1.1.7.3 List of diagrams containing the reference FK\_ENDERECO\_CADASTRO\_POSTO**

<i>Name</i>	<i>Code</i>
DER	PHYSICALDIAGRAM_1

**4.1.1.7.4 List of reference joins of the reference FK\_ENDERECO\_CADASTRO\_POSTO**

<i>Parent Table Column</i>	<i>Child Table Column</i>
COD_ENDERECO	COD_ENDERECO

**4.1.1.7.5 List of extended attributes of the reference FK\_ENDERECO\_CADASTRO\_POSTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ReferenceMatch	ReferenceMatchType		MySQL 5.0

## 4.2 Tables

### 4.2.1 Model level tables

#### 4.2.1.1 List of tables

<i>Name</i>	<i>Code</i>
CADASTRO_EMPRESA	CADASTRO_EMPRESA
CADASTRO_PESSOA_FISICA	CADASTRO_PESSOA_FISICA
CADASTRO_POSTO	CADASTRO_POSTO
ENDERECO	ENDERECO
FILTRAR_POSTO	FILTRAR_POSTO
HISTORICO_PRECOS	HISTORICO_PRECOS
INSERIR_COMENTARIO	INSERIR_COMENTARIO

#### 4.2.1.2 List of table columns

<i>Name</i>	<i>Code</i>
COD_CADASTRO_EMPRESA	COD_CADASTRO_EMPRESA
COD_ENDERECO	COD_ENDERECO
NOM_EMPRESA	NOM_EMPRESA
NUM_CNPJ	NUM_CNPJ
DES_EMAIL	DES_EMAIL
NUM_TELEFONE	NUM_TELEFONE
COD_COMENTARIO	COD_COMENTARIO
COD_PESSOA_FISICA	COD_PESSOA_FISICA
COD_ENDERECO	COD_ENDERECO
NOM_NOME_CLIENTE	NOM_NOME_CLIENTE
DES_COMENTARIO	DES_COMENTARIO
COD_ENDERECO	COD_ENDERECO
DES_LOGRADOURO	DES_LOGRADOURO
NUM_NUMERO	NUM_NUMERO
NOM_COMPLEMENTO	NOM_COMPLEMENTO
NUM_CEP	NUM_CEP
NOM_BAIRRO	NOM_BAIRRO
NOM_ESTADO	NOM_ESTADO
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO
COD_ENDERECO	COD_ENDERECO
NOM_POSTO	NOM_POSTO
DES_EMAIL	DES_EMAIL
NUM_TELEFONE	NUM_TELEFONE
NUM_CNPJ	NUM_CNPJ
HOR_FUNCIONAMENTO	HOR_FUNCIONAMENTO
DES_COORDENADA_GEOGRAFICA	DES_COORDENADA_GEOGRAFICA
DES_RAZAO_SOCIAL	DES_RAZAO_SOCIAL
COD_FILTRAR_POSTO	COD_FILTRAR_POSTO
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO
NOM_POSTO	NOM_POSTO
VAL_PRECO_COMBUSTIVEL	VAL_PRECO_COMBUSTIVEL
DES_LOCALIDADE	DES_LOCALIDADE

<i>Name</i>	<i>Code</i>
DES_TIPO_COMBUSTIVEL	DES_TIPO_COMBUSTIVEL
COD_HISTORICO_PRECOS	COD_HISTORICO_PRECOS
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO
DES_TABELA_COMBUSTIVEL	DES_TABELA_COMBUSTIVEL
DES_TIPO_COMBUSTIVEL	DES_TIPO_COMBUSTIVEL
DTA_DATA_PRECO	DTA_DATA_PRECO
HOR_ATUALIZACAO_HORA	HOR_ATUALIZACAO_HORA
VAL_PRECO_COMBUSTIVEL	VAL_PRECO_COMBUSTIVEL
COD_PESSOA_FISICA	COD_PESSOA_FISICA
COD_ENDERECO	COD_ENDERECO
NOM_PESSOA	NOM_PESSOA
NUM_CPF	NUM_CPF
DES_EMAIL	DES_EMAIL
NUM_TELEFONE	NUM_TELEFONE

#### 4.2.1.3 List of table keys

<i>Name</i>	<i>Code</i>	<i>Table</i>
Key_1	Key_1	CADASTRO_EMPRESA
Key_1	Key_1	INSERIR_COMENTARIO
Key_1	Key_1	ENDERECO
Key_1	Key_1	CADASTRO_POSTO
Key_1	Key_1	FILTRAR_POSTO
Key_1	Key_1	HISTORICO_PRECOS
Key_1	Key_1	CADASTRO_PESSOA_FISICA

#### 4.2.1.4 Table CADASTRO\_EMPRESA

##### 4.2.1.4.1 Card of table CADASTRO\_EMPRESA

<i>Name</i>	CADASTRO_EMPRESA
<i>Code</i>	CADASTRO_EMPRESA
<i>DBMS</i>	MySQL 5.0

##### 4.2.1.4.2 Check constraint name of the table CADASTRO\_EMPRESA

TK\_CADASTRO\_EMPRESA

##### 4.2.1.4.3 Server validation rule of the table CADASTRO\_EMPRESA

%RULES%

##### 4.2.1.4.4 Code preview of the table CADASTRO\_EMPRESA

```

/*=====*/
/* Table: CADASTRO_EMPRESA */
/*=====*/
create table CADASTRO_EMPRESA
(
  COD_CADASTRO_EMPRESA integer not null,
  COD_ENDERECO         integer not null,
  NOM_EMPRESA          varchar(200),
  NUM_CNPJ             int(14),
  DES_EMAIL            varchar(50),
  NUM_TELEFONE         int(11)
);

```

alter table CADASTRO\_EMPRESA

add primary key (COD\_CADASTRO\_EMPRESA);

alter table CADASTRO\_EMPRESA add constraint FK\_ENDERECO\_CADASTRO\_EMPRESA foreign key (COD\_ENDERECO) references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

#### 4.2.1.4.5 List of diagrams containing the table CADASTRO\_EMPRESA

Name	Code
DER	PHYSICALDIAGRAM_1

#### 4.2.1.4.6 List of outgoing references of the table CADASTRO\_EMPRESA

Name	Code	Foreign Key Columns
FK_ENDERECO_CADASTRO_EMPRESA	FK_ENDERECO_CADASTRO_EMPRESA	COD_ENDERECO

#### 4.2.1.4.7 List of all dependencies of the table CADASTRO\_EMPRESA

Name	Code	Class Name
FK_ENDERECO_CADASTRO_EMPRESA	FK_ENDERECO_CADASTRO_EMPRESA	Reference

#### 4.2.1.4.8 List of extended attributes of the table CADASTRO\_EMPRESA

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

#### 4.2.1.4.9 List of columns of the table CADASTRO\_EMPRESA

Name	Code
COD_CADASTRO_EMPRESA	COD_CADASTRO_EMPRESA
COD_ENDERECO	COD_ENDERECO
NOM_EMPRESA	NOM_EMPRESA
NUM_CNPJ	NUM_CNPJ
DES_EMAIL	DES_EMAIL
NUM_TELEFONE	NUM_TELEFONE

#### 4.2.1.4.10 Column COD\_CADASTRO\_EMPRESA of the table CADASTRO\_EMPRESA

##### 4.2.1.4.10.1 Card of the column COD\_CADASTRO\_EMPRESA of the table CADASTRO\_EMPRESA

Name	COD_CADASTRO_EMPRESA
Code	COD_CADASTRO_EMPRESA
Data Type	integer
Mandatory	Yes

##### 4.2.1.4.10.2 Check constraint name of the column COD\_CADASTRO\_EMPRESA of the table CADASTRO\_EMPRESA

CK\_COD\_CADASTRO\_EMPRESA

##### 4.2.1.4.10.3 Check of the column COD\_CADASTRO\_EMPRESA of the table CADASTRO\_EMPRESA

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

#### **4.2.1.4.10.4 Server validation rule of the column COD\_CADASTRO\_EMPRESA of the table CADASTRO\_EMPRESA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.4.10.5 List of all dependencies of the table column COD\_CADASTRO\_EMPRESA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Key

#### **4.2.1.4.10.6 List of extended attributes of the table column COD\_CADASTRO\_EMPRESA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.4.11 Column COD\_ENDERECO of the table CADASTRO\_EMPRESA**

##### **4.2.1.4.11.1 Card of the column COD\_ENDERECO of the table CADASTRO\_EMPRESA**

<i>Name</i>	COD_ENDERECO
<i>Code</i>	COD_ENDERECO
<i>Data Type</i>	integer
<i>Mandatory</i>	Yes

##### **4.2.1.4.11.2 Check constraint name of the column COD\_ENDERECO of the table CADASTRO\_EMPRESA**

CK\_COD\_ENDERECO

##### **4.2.1.4.11.3 Check of the column COD\_ENDERECO of the table CADASTRO\_EMPRESA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.4.11.4 Server validation rule of the column COD\_ENDERECO of the table CADASTRO\_EMPRESA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.4.11.5 List of all dependencies of the table column COD\_ENDERECO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

##### **4.2.1.4.11.6 List of extended attributes of the table column COD\_ENDERECO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.4.12 Column NOM\_EMPRESA of the table CADASTRO\_EMPRESA**

**4.2.1.4.12.1 Card of the column NOM\_EMPRESA of the table CADASTRO\_EMPRESA**

<i>Name</i>	NOM_EMPRESA
<i>Code</i>	NOM_EMPRESA
<i>Data Type</i>	varchar(200)
<i>Mandatory</i>	No

**4.2.1.4.12.2 Check constraint name of the column NOM\_EMPRESA of the table CADASTRO\_EMPRESA**

CK\_NOM\_EMPRESA

**4.2.1.4.12.3 Check of the column NOM\_EMPRESA of the table CADASTRO\_EMPRESA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.4.12.4 Server validation rule of the column NOM\_EMPRESA of the table CADASTRO\_EMPRESA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.4.12.5 List of extended attributes of the table column NOM\_EMPRESA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.4.13 Column NUM\_CNPJ of the table CADASTRO\_EMPRESA****4.2.1.4.13.1 Card of the column NUM\_CNPJ of the table CADASTRO\_EMPRESA**

<i>Name</i>	NUM_CNPJ
<i>Code</i>	NUM_CNPJ
<i>Data Type</i>	int(14)
<i>Mandatory</i>	No

**4.2.1.4.13.2 Check constraint name of the column NUM\_CNPJ of the table CADASTRO\_EMPRESA**

CK\_NUM\_CNPJ

**4.2.1.4.13.3 Check of the column NUM\_CNPJ of the table CADASTRO\_EMPRESA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.4.13.4 Server validation rule of the column NUM\_CNPJ of the table CADASTRO\_EMPRESA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.4.13.5 List of extended attributes of the table column NUM CNPJ**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.4.14 Column DES EMAIL of the table CADASTRO EMPRESA****4.2.1.4.14.1 Card of the column DES EMAIL of the table CADASTRO EMPRESA**

<i>Name</i>	DES_EMAIL
<i>Code</i>	DES_EMAIL
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

**4.2.1.4.14.2 Check constraint name of the column DES EMAIL of the table CADASTRO EMPRESA**

CK\_DES\_EMAIL

**4.2.1.4.14.3 Check of the column DES EMAIL of the table CADASTRO EMPRESA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.4.14.4 Server validation rule of the column DES EMAIL of the table CADASTRO EMPRESA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.4.14.5 List of extended attributes of the table column DES EMAIL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.4.15 Column NUM TELEFONE of the table CADASTRO EMPRESA****4.2.1.4.15.1 Card of the column NUM TELEFONE of the table CADASTRO EMPRESA**

<i>Name</i>	NUM_TELEFONE
<i>Code</i>	NUM_TELEFONE
<i>Data Type</i>	int(11)
<i>Mandatory</i>	No

**4.2.1.4.15.2 Check constraint name of the column NUM TELEFONE of the table CADASTRO EMPRESA**

CK\_NUM\_TELEFONE

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.4.15.4 Server validation rule of the column NUM TELEFONE of the table CADASTRO EMPRESA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.4.15.5 List of extended attributes of the table column NUM TELEFONE**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.4.16 List of keys of the table CADASTRO EMPRESA**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

#### **4.2.1.4.17 Key Key 1 of the table CADASTRO EMPRESA**

##### **4.2.1.4.17.1 Card of the key Key 1 of the table CADASTRO EMPRESA**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	CADASTRO_EMPRESA

##### **4.2.1.4.17.2 Code preview of the key Key 1 of the table CADASTRO EMPRESA**

```
alter table CADASTRO_EMPRESA
  add primary key (COD_CADASTRO_EMPRESA);
```

##### **4.2.1.4.17.3 List of columns of the table key Key 1**

<i>Name</i>	<i>Code</i>
COD_CADASTRO_EMPRESA	COD_CADASTRO_EMPRESA

##### **4.2.1.4.17.4 List of extended attributes of the table key Key 1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

#### **4.2.1.5 Table CADASTRO PESSOA FISICA**

##### **4.2.1.5.1 Card of table CADASTRO PESSOA FISICA**

<i>Name</i>	CADASTRO_PESSOA_FISICA
<i>Code</i>	CADASTRO_PESSOA_FISICA
<i>DBMS</i>	MySQL 5.0

##### **4.2.1.5.2 Check constraint name of the table CADASTRO PESSOA FISICA**

TK\_CADASTRO\_PESSOA\_FISICA



**4.2.1.5.3 Server validation rule of the table CADASTRO\_PESSOA\_FISICA**

%RULES%

**4.2.1.5.4 Code preview of the table CADASTRO\_PESSOA\_FISICA**

```

/*=====*/
/* Table: CADASTRO_PESSOA_FISICA */
/*=====*/
create table CADASTRO_PESSOA_FISICA
(
  COD_PESSOA_FISICA integer not null,
  COD_ENDERECO integer not null,
  NOM_PESSOA varchar(200),
  NUM_CPF int(11),
  DES_EMAIL varchar(50),
  NUM_TELEFONE int(11)
);

alter table CADASTRO_PESSOA_FISICA
  add primary key (COD_PESSOA_FISICA, COD_ENDERECO);

alter table CADASTRO_PESSOA_FISICA add constraint FK_ENDERECO_CADASTRO_PESSOA_FISICA foreign key
(COD_ENDERECO)
  references ENDERECO (COD_ENDERECO) on delete restrict on update restrict;

alter table INSERIR_COMENTARIO add constraint FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO foreign key
(COD_PESSOA_FISICA, COD_ENDERECO)
  references CADASTRO_PESSOA_FISICA (COD_PESSOA_FISICA, COD_ENDERECO) on delete restrict on update restrict;

```

**4.2.1.5.5 List of diagrams containing the table CADASTRO\_PESSOA\_FISICA**

Name	Code
DER	PHYSICALDIAGRAM_1

**4.2.1.5.6 List of incoming references of the table CADASTRO\_PESSOA\_FISICA**

Name	Code
FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO	FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO

**4.2.1.5.7 List of outgoing references of the table CADASTRO\_PESSOA\_FISICA**

Name	Code	Foreign Key Columns
FK_ENDERECO_CADASTRO_PESSOA_FISICA	FK_ENDERECO_CADASTRO_PESSOA_FISICA	COD_ENDERECO

**4.2.1.5.8 List of all dependencies of the table CADASTRO\_PESSOA\_FISICA**

Name	Code	Class Name
FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO	FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO	Reference
FK_ENDERECO_CADASTRO_PESSOA_FISICA	FK_ENDERECO_CADASTRO_PESSOA_FISICA	Reference

**4.2.1.5.9 List of extended attributes of the table CADASTRO\_PESSOA\_FISICA**

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

**4.2.1.5.10 List of columns of the table CADASTRO\_PESSOA\_FISICA**

Name	Code
COD_PESSOA_FISICA	COD_PESSOA_FISICA

<i>Name</i>	<i>Code</i>
COD_ENDERECO	COD_ENDERECO
NOM_PESSOA	NOM_PESSOA
NUM_CPF	NUM_CPF
DES_EMAIL	DES_EMAIL
NUM_TELEFONE	NUM_TELEFONE

#### **4.2.1.5.11 Column COD\_PESSOA\_FISICA of the table CADASTRO\_PESSOA\_FISICA**

##### **4.2.1.5.11.1 Card of the column COD\_PESSOA\_FISICA of the table CADASTRO\_PESSOA\_FISICA**

<i>Name</i>	COD_PESSOA_FISICA
<i>Code</i>	COD_PESSOA_FISICA
<i>Data Type</i>	integer
<i>Mandatory</i>	Yes

##### **4.2.1.5.11.2 Check constraint name of the column COD\_PESSOA\_FISICA of the table CADASTRO\_PESSOA\_FISICA**

CK\_COD\_PESSOA\_FISICA

##### **4.2.1.5.11.3 Check of the column COD\_PESSOA\_FISICA of the table CADASTRO\_PESSOA\_FISICA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.5.11.4 Server validation rule of the column COD\_PESSOA\_FISICA of the table CADASTRO\_PESSOA\_FISICA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.5.11.5 List of all dependencies of the table column COD\_PESSOA\_FISICA**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
Key_1	Key_1	Key

##### **4.2.1.5.11.6 List of extended attributes of the table column COD\_PESSOA\_FISICA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.5.12 Column COD\_ENDERECO of the table CADASTRO\_PESSOA\_FISICA**

##### **4.2.1.5.12.1 Card of the column COD\_ENDERECO of the table CADASTRO\_PESSOA\_FISICA**

<i>Name</i>	COD_ENDERECO
<i>Code</i>	COD_ENDERECO
<i>Data Type</i>	integer

<i>Mandatory</i>	Yes
------------------	-----

#### **4.2.1.5.12.2 Check constraint name of the column COD\_ENDERECO of the table CADASTRO\_PESSOA\_FISICA** CK\_COD\_ENDERECO

#### **4.2.1.5.12.3 Check of the column COD\_ENDERECO of the table CADASTRO\_PESSOA\_FISICA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.5.12.4 Server validation rule of the column COD\_ENDERECO of the table CADASTRO\_PESSOA\_FISICA** %MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.5.12.5 List of all dependencies of the table column COD\_ENDERECO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
?	?	Reference Join
Key_1	Key_1	Key

#### **4.2.1.5.12.6 List of extended attributes of the table column COD\_ENDERECO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	Charsets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.5.13 Column NOM\_PESSOA of the table CADASTRO\_PESSOA\_FISICA**

##### **4.2.1.5.13.1 Card of the column NOM\_PESSOA of the table CADASTRO\_PESSOA\_FISICA**

<i>Name</i>	NOM_PESSOA
<i>Code</i>	NOM_PESSOA
<i>Data Type</i>	varchar(200)
<i>Mandatory</i>	No

##### **4.2.1.5.13.2 Check constraint name of the column NOM\_PESSOA of the table CADASTRO\_PESSOA\_FISICA** CK\_NOM\_PESSOA

##### **4.2.1.5.13.3 Check of the column NOM\_PESSOA of the table CADASTRO\_PESSOA\_FISICA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.5.13.4 Server validation rule of the column NOM\_PESSOA of the table CADASTRO\_PESSOA\_FISICA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.5.13.5 List of extended attributes of the table column NOM\_PESSOA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.5.14 Column NUM\_CPF of the table CADASTRO\_PESSOA\_FISICA****4.2.1.5.14.1 Card of the column NUM\_CPF of the table CADASTRO\_PESSOA\_FISICA**

<i>Name</i>	NUM_CPF
<i>Code</i>	NUM_CPF
<i>Data Type</i>	int(11)
<i>Mandatory</i>	No

**4.2.1.5.14.2 Check constraint name of the column NUM\_CPF of the table CADASTRO\_PESSOA\_FISICA**

CK\_NUM\_CPF

**4.2.1.5.14.3 Check of the column NUM\_CPF of the table CADASTRO\_PESSOA\_FISICA**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.5.14.4 Server validation rule of the column NUM\_CPF of the table CADASTRO\_PESSOA\_FISICA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.5.14.5 List of extended attributes of the table column NUM\_CPF**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.5.15 Column DES\_EMAIL of the table CADASTRO\_PESSOA\_FISICA****4.2.1.5.15.1 Card of the column DES\_EMAIL of the table CADASTRO\_PESSOA\_FISICA**

<i>Name</i>	DES_EMAIL
<i>Code</i>	DES_EMAIL
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

**4.2.1.5.15.2 Check constraint name of the column DES\_EMAIL of the table CADASTRO\_PESSOA\_FISICA**

CK\_DES\_EMAIL

**4.2.1.5.15.3 Check of the column DES\_EMAIL of the table CADASTRO\_PESSOA\_FISICA**

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

**4.2.1.5.15.4 Server validation rule of the column DES\_EMAIL of the table CADASTRO\_PESSOA\_FISICA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.5.15.5 List of extended attributes of the table column DES\_EMAIL**

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.5.16 Column NUM\_TELEFONE of the table CADASTRO\_PESSOA\_FISICA****4.2.1.5.16.1 Card of the column NUM\_TELEFONE of the table CADASTRO\_PESSOA\_FISICA**

Name	NUM_TELEFONE
Code	NUM_TELEFONE
Data Type	int(11)
Mandatory	No

**4.2.1.5.16.2 Check constraint name of the column NUM\_TELEFONE of the table CADASTRO\_PESSOA\_FISICA**

CK\_NUM\_TELEFONE

**4.2.1.5.16.3 Check of the column NUM\_TELEFONE of the table CADASTRO\_PESSOA\_FISICA**

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

**4.2.1.5.16.4 Server validation rule of the column NUM\_TELEFONE of the table CADASTRO\_PESSOA\_FISICA**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.5.16.5 List of extended attributes of the table column NUM\_TELEFONE**

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.5.17 List of keys of the table CADASTRO\_PESSOA\_FISICA**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.5.18 Key Key\_1 of the table CADASTRO\_PESSOA\_FISICA****4.2.1.5.18.1 Card of the key Key\_1 of the table CADASTRO\_PESSOA\_FISICA**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	CADASTRO_PESSOA_FISICA

**4.2.1.5.18.2 Code preview of the key Key\_1 of the table CADASTRO\_PESSOA\_FISICA**

alter table CADASTRO\_PESSOA\_FISICA

add primary key (COD\_PESSOA\_FISICA, COD\_ENDERECO);

alter table INSERIR\_COMENTARIO add constraint FK\_CADASTRO\_PESSOA\_FISICA\_INSERIR\_COMENTARIO foreign key (COD\_PESSOA\_FISICA, COD\_ENDERECO)

references CADASTRO\_PESSOA\_FISICA (COD\_PESSOA\_FISICA, COD\_ENDERECO) on delete restrict on update restrict;

**4.2.1.5.18.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_PESSOA_FISICA	COD_PESSOA_FISICA
COD_ENDERECO	COD_ENDERECO

**4.2.1.5.18.4 List of all dependencies of the table key Key\_1**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO	FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO	Reference

**4.2.1.5.18.5 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

**4.2.1.6 Table CADASTRO\_POSTO****4.2.1.6.1 Card of table CADASTRO\_POSTO**

<i>Name</i>	CADASTRO_POSTO
<i>Code</i>	CADASTRO_POSTO
<i>DBMS</i>	MySQL 5.0

**4.2.1.6.2 Check constraint name of the table CADASTRO\_POSTO**

TK\_CADASTRO\_POSTO

**4.2.1.6.3 Server validation rule of the table CADASTRO\_POSTO**

%RULES%

**4.2.1.6.4 Code preview of the table CADASTRO\_POSTO**

```
/*=====*/
/* Table: CADASTRO_POSTO */
/*=====*/
create table CADASTRO_POSTO
(
    COD_CADASTRO_POSTO integer not null,
    COD_ENDERECO integer not null,
```

```

NOM_POSTO      varchar(200),
DES_EMAIL      varchar(50),
NUM_TELEFONE   int(11),
NUM_CNPJ       int(14),
HOR_FUNCIONAMENTO time,
DES_COORDENADA_GEOGRAFICA varchar(50),
DES_RAZAO_SOCIAL varchar(200)
);

```

```

alter table CADASTRO_POSTO
add primary key (COD_CADASTRO_POSTO);

```

```

alter table CADASTRO_POSTO add constraint FK_ENDERECO_CADASTRO_POSTO foreign key (COD_ENDERECO)
references ENDERECO (COD_ENDERECO) on delete restrict on update restrict;

```

```

alter table FILTRAR_POSTO add constraint FK_CADASTRO_POSTO_FILTRAR_POSTO foreign key
(COD_CADASTRO_POSTO)
references CADASTRO_POSTO (COD_CADASTRO_POSTO) on delete restrict on update restrict;

```

```

alter table HISTORICO_PRECOS add constraint FK_CADASTRO_POSTO foreign key (COD_CADASTRO_POSTO)
references CADASTRO_POSTO (COD_CADASTRO_POSTO) on delete restrict on update restrict;

```

#### 4.2.1.6.5 List of diagrams containing the table CADASTRO\_POSTO

Name	Code
DER	PHYSICALDIAGRAM_1

#### 4.2.1.6.6 List of incoming references of the table CADASTRO\_POSTO

Name	Code
FK_CADASTRO_POSTO	FK_CADASTRO_POSTO
FK_CADASTRO_POSTO_FILTRAR_POSTO	FK_CADASTRO_POSTO_FILTRAR_POSTO

#### 4.2.1.6.7 List of outgoing references of the table CADASTRO\_POSTO

Name	Code	Foreign Key Columns
FK_ENDERECO_CADASTRO_POSTO	FK_ENDERECO_CADASTRO_POSTO	COD_ENDERECO

#### 4.2.1.6.8 List of all dependencies of the table CADASTRO\_POSTO

Name	Code	Class Name
FK_CADASTRO_POSTO	FK_CADASTRO_POSTO	Reference
FK_CADASTRO_POSTO_FILTRAR_POSTO	FK_CADASTRO_POSTO_FILTRAR_POSTO	Reference
FK_ENDERECO_CADASTRO_POSTO	FK_ENDERECO_CADASTRO_POSTO	Reference

#### 4.2.1.6.9 List of extended attributes of the table CADASTRO\_POSTO

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

#### 4.2.1.6.10 List of columns of the table CADASTRO\_POSTO

Name	Code
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO
COD_ENDERECO	COD_ENDERECO
NOM_POSTO	NOM_POSTO
DES_EMAIL	DES_EMAIL
NUM_TELEFONE	NUM_TELEFONE
NUM_CNPJ	NUM_CNPJ
HOR_FUNCIONAMENTO	HOR_FUNCIONAMENTO

<i>Name</i>	<i>Code</i>
DES_COORDENADA_GEOGRAFICA	DES_COORDENADA_GEOGRAFICA
DES_RAZAO_SOCIAL	DES_RAZAO_SOCIAL

#### **4.2.1.6.11 Column COD\_CADASTRO\_POSTO of the table CADASTRO\_POSTO**

##### **4.2.1.6.11.1 Card of the column COD\_CADASTRO\_POSTO of the table CADASTRO\_POSTO**

<i>Name</i>	COD_CADASTRO_POSTO
<i>Code</i>	COD_CADASTRO_POSTO
<i>Data Type</i>	integer
<i>Mandatory</i>	Yes

##### **4.2.1.6.11.2 Check constraint name of the column COD\_CADASTRO\_POSTO of the table CADASTRO\_POSTO**

CK\_COD\_CADASTRO\_POSTO

##### **4.2.1.6.11.3 Check of the column COD\_CADASTRO\_POSTO of the table CADASTRO\_POSTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.6.11.4 Server validation rule of the column COD\_CADASTRO\_POSTO of the table CADASTRO\_POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.6.11.5 List of all dependencies of the table column COD\_CADASTRO\_POSTO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
?	?	Reference Join
Key_1	Key_1	Key

##### **4.2.1.6.11.6 List of extended attributes of the table column COD\_CADASTRO\_POSTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.6.12 Column COD\_ENDERECO of the table CADASTRO\_POSTO**

##### **4.2.1.6.12.1 Card of the column COD\_ENDERECO of the table CADASTRO\_POSTO**

<i>Name</i>	COD_ENDERECO
<i>Code</i>	COD_ENDERECO
<i>Data Type</i>	integer
<i>Mandatory</i>	Yes

##### **4.2.1.6.12.2 Check constraint name of the column COD\_ENDERECO of the table CADASTRO\_POSTO**

CK\_COD\_ENDERECO



**4.2.1.6.12.3 Check of the column COD ENDERECO of the table CADASTRO POSTO**

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

**4.2.1.6.12.4 Server validation rule of the column COD ENDERECO of the table CADASTRO POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.6.12.5 List of all dependencies of the table column COD ENDERECO**

Name	Code	Class Name
?	?	Reference Join

**4.2.1.6.12.6 List of extended attributes of the table column COD ENDERECO**

Name	Data Type	Value	Target Name
CharSet	Charsets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.6.13 Column NOM POSTO of the table CADASTRO POSTO****4.2.1.6.13.1 Card of the column NOM POSTO of the table CADASTRO POSTO**

Name	NOM_POSTO
Code	NOM_POSTO
Data Type	varchar(200)
Mandatory	No

**4.2.1.6.13.2 Check constraint name of the column NOM POSTO of the table CADASTRO POSTO**

CK\_NOM\_POSTO

**4.2.1.6.13.3 Check of the column NOM POSTO of the table CADASTRO POSTO**

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

**4.2.1.6.13.4 Server validation rule of the column NOM POSTO of the table CADASTRO POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.6.13.5 List of extended attributes of the table column NOM POSTO**

Name	Data Type	Value	Target Name
CharSet	Charsets		MySQL 5.0
Collate	(String)		MySQL 5.0

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.6.14 Column DES EMAIL of the table CADASTRO POSTO**

##### **4.2.1.6.14.1 Card of the column DES EMAIL of the table CADASTRO POSTO**

<i>Name</i>	DES_EMAIL
<i>Code</i>	DES_EMAIL
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

##### **4.2.1.6.14.2 Check constraint name of the column DES EMAIL of the table CADASTRO POSTO**

CK\_DES\_EMAIL

##### **4.2.1.6.14.3 Check of the column DES EMAIL of the table CADASTRO POSTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.6.14.4 Server validation rule of the column DES EMAIL of the table CADASTRO POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.6.14.5 List of extended attributes of the table column DES EMAIL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.6.15 Column NUM TELEFONE of the table CADASTRO POSTO**

##### **4.2.1.6.15.1 Card of the column NUM TELEFONE of the table CADASTRO POSTO**

<i>Name</i>	NUM_TELEFONE
<i>Code</i>	NUM_TELEFONE
<i>Data Type</i>	int(11)
<i>Mandatory</i>	No

##### **4.2.1.6.15.2 Check constraint name of the column NUM TELEFONE of the table CADASTRO POSTO**

CK\_NUM\_TELEFONE

##### **4.2.1.6.15.3 Check of the column NUM TELEFONE of the table CADASTRO POSTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	

<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.6.15.4 Server validation rule of the column NUM TELEFONE of the table CADASTRO POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.6.15.5 List of extended attributes of the table column NUM TELEFONE**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.6.16 Column NUM CNPJ of the table CADASTRO POSTO**

##### **4.2.1.6.16.1 Card of the column NUM CNPJ of the table CADASTRO POSTO**

<i>Name</i>	NUM_CNPJ
<i>Code</i>	NUM_CNPJ
<i>Data Type</i>	int(14)
<i>Mandatory</i>	No

##### **4.2.1.6.16.2 Check constraint name of the column NUM CNPJ of the table CADASTRO POSTO**

CK\_NUM\_CNPJ

##### **4.2.1.6.16.3 Check of the column NUM CNPJ of the table CADASTRO POSTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.6.16.4 Server validation rule of the column NUM CNPJ of the table CADASTRO POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.6.16.5 List of extended attributes of the table column NUM CNPJ**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.6.17 Column HOR FUNCIONAMENTO of the table CADASTRO POSTO**

##### **4.2.1.6.17.1 Card of the column HOR FUNCIONAMENTO of the table CADASTRO POSTO**

<i>Name</i>	HOR_FUNCIONAMENTO
<i>Code</i>	HOR_FUNCIONAMENTO
<i>Data Type</i>	time

<i>Mandatory</i>	No
------------------	----

#### **4.2.1.6.17.2 Check constraint name of the column HOR\_FUNCIONAMENTO of the table CADASTRO\_POSTO** CK\_HOR\_FUNCIONAMENTO

#### **4.2.1.6.17.3 Check of the column HOR\_FUNCIONAMENTO of the table CADASTRO\_POSTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.6.17.4 Server validation rule of the column HOR\_FUNCIONAMENTO of the table CADASTRO\_POSTO** %MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.6.17.5 List of extended attributes of the table column HOR\_FUNCIONAMENTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.6.18 Column DES\_COORDENADA\_GEOGRAFICA of the table CADASTRO\_POSTO**

#### **4.2.1.6.18.1 Card of the column DES\_COORDENADA\_GEOGRAFICA of the table CADASTRO\_POSTO**

<i>Name</i>	DES_COORDENADA_GEOGRAFICA
<i>Code</i>	DES_COORDENADA_GEOGRAFICA
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

#### **4.2.1.6.18.2 Check constraint name of the column DES\_COORDENADA\_GEOGRAFICA of the table CADASTRO\_POSTO** CK\_DES\_COORDENADA\_GEOGRAFICA

#### **4.2.1.6.18.3 Check of the column DES\_COORDENADA\_GEOGRAFICA of the table CADASTRO\_POSTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.6.18.4 Server validation rule of the column DES\_COORDENADA\_GEOGRAFICA of the table CADASTRO\_POSTO** %MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.6.18.5 List of extended attributes of the table column DES\_COORDENADA\_GEOGRAFICA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
-------------	------------------	--------------	--------------------

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.6.19 Column DES\_RAZAO\_SOCIAL of the table CADASTRO\_POSTO**

##### **4.2.1.6.19.1 Card of the column DES\_RAZAO\_SOCIAL of the table CADASTRO\_POSTO**

<i>Name</i>	DES_RAZAO_SOCIAL
<i>Code</i>	DES_RAZAO_SOCIAL
<i>Data Type</i>	varchar(200)
<i>Mandatory</i>	No

##### **4.2.1.6.19.2 Check constraint name of the column DES\_RAZAO\_SOCIAL of the table CADASTRO\_POSTO**

CK\_DES\_RAZAO\_SOCIAL

##### **4.2.1.6.19.3 Check of the column DES\_RAZAO\_SOCIAL of the table CADASTRO\_POSTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.6.19.4 Server validation rule of the column DES\_RAZAO\_SOCIAL of the table CADASTRO\_POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.6.19.5 List of extended attributes of the table column DES\_RAZAO\_SOCIAL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.6.20 List of keys of the table CADASTRO\_POSTO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

#### **4.2.1.6.21 Key Key\_1 of the table CADASTRO\_POSTO**

##### **4.2.1.6.21.1 Card of the key Key\_1 of the table CADASTRO\_POSTO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	CADASTRO_POSTO

##### **4.2.1.6.21.2 Code preview of the key Key\_1 of the table CADASTRO\_POSTO**

```
alter table CADASTRO_POSTO
add primary key (COD_CADASTRO_POSTO);
```

alter table FILTRAR\_POSTO add constraint FK\_CADASTRO\_POSTO\_FILTRAR\_POSTO foreign key (COD\_CADASTRO\_POSTO)  
references CADASTRO\_POSTO (COD\_CADASTRO\_POSTO) on delete restrict on update restrict;

alter table HISTORICO\_PRECOS add constraint FK\_CADASTRO\_POSTO foreign key (COD\_CADASTRO\_POSTO)  
references CADASTRO\_POSTO (COD\_CADASTRO\_POSTO) on delete restrict on update restrict;

#### 4.2.1.6.21.3 List of columns of the table key Key\_1

Name	Code
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO

#### 4.2.1.6.21.4 List of all dependencies of the table key Key\_1

Name	Code	Class Name
FK_CADASTRO_POSTO	FK_CADASTRO_POSTO	Reference
FK_CADASTRO_POSTO_FILTRAR_POSTO	FK_CADASTRO_POSTO_FILTRAR_POSTO	Reference

#### 4.2.1.6.21.5 List of extended attributes of the table key Key\_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.0

#### 4.2.1.7 Table ENDERECO

##### 4.2.1.7.1 Card of table ENDERECO

Name	ENDERECO
Code	ENDERECO
DBMS	MySQL 5.0

##### 4.2.1.7.2 Check constraint name of the table ENDERECO

TK\_ENDERECO

##### 4.2.1.7.3 Server validation rule of the table ENDERECO

%RULES%

##### 4.2.1.7.4 Code preview of the table ENDERECO

```
/*=====*/
/* Table: ENDERECO */
/*=====*/
```

create table ENDERECO

```
(
  COD_ENDERECO integer not null,
  DES_LOGRADOURO varchar(200),
  NUM_NUMERO int,
  NOM_COMPLEMENTO varchar(100),
  NUM_CEP int(8),
  NOM_BAIRRO varchar(50),
  NOM_ESTADO varchar(50)
);
```

alter table ENDERECO  
add primary key (COD\_ENDERECO);

alter table CADASTRO\_EMPRESA add constraint FK\_ENDERECO\_CADASTRO\_EMPRESA foreign key (COD\_ENDERECO)  
references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

alter table CADASTRO\_PESSOA\_FISICA add constraint FK\_ENDERECO\_CADASTRO\_PESSOA\_FISICA foreign key (COD\_ENDERECO)  
references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

alter table CADASTRO\_POSTO add constraint FK\_ENDERECO\_CADASTRO\_POSTO foreign key (COD\_ENDERECO) references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

#### 4.2.1.7.5 List of diagrams containing the table ENDERECO

Name	Code
DER	PHYSICALDIAGRAM_1

#### 4.2.1.7.6 List of incoming references of the table ENDERECO

Name	Code
FK_ENDERECO_CADASTRO_EMPRESA	FK_ENDERECO_CADASTRO_EMPRESA
FK_ENDERECO_CADASTRO_PESSOA_FISICA	FK_ENDERECO_CADASTRO_PESSOA_FISICA
FK_ENDERECO_CADASTRO_POSTO	FK_ENDERECO_CADASTRO_POSTO

#### 4.2.1.7.7 List of all dependencies of the table ENDERECO

Name	Code	Class Name
FK_ENDERECO_CADASTRO_EMPRESA	FK_ENDERECO_CADASTRO_EMPRESA	Reference
FK_ENDERECO_CADASTRO_PESSOA_FISICA	FK_ENDERECO_CADASTRO_PESSOA_FISICA	Reference
FK_ENDERECO_CADASTRO_POSTO	FK_ENDERECO_CADASTRO_POSTO	Reference

#### 4.2.1.7.8 List of extended attributes of the table ENDERECO

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

#### 4.2.1.7.9 List of columns of the table ENDERECO

Name	Code
COD_ENDERECO	COD_ENDERECO
DES_LOGRADOURO	DES_LOGRADOURO
NUM_NUMERO	NUM_NUMERO
NOM_COMPLEMENTO	NOM_COMPLEMENTO
NUM_CEP	NUM_CEP
NOM_BAIRRO	NOM_BAIRRO
NOM_ESTADO	NOM_ESTADO

#### 4.2.1.7.10 Column COD\_ENDERECO of the table ENDERECO

##### 4.2.1.7.10.1 Card of the column COD\_ENDERECO of the table ENDERECO

Name	COD_ENDERECO
Code	COD_ENDERECO
Data Type	integer
Mandatory	Yes

##### 4.2.1.7.10.2 Check constraint name of the column COD\_ENDERECO of the table ENDERECO

CK\_COD\_ENDERECO

##### 4.2.1.7.10.3 Check of the column COD\_ENDERECO of the table ENDERECO

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	

<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.7.10.4 Server validation rule of the column COD\_ENDERECO of the table ENDERECO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.7.10.5 List of all dependencies of the table column COD\_ENDERECO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join
?	?	Reference Join
?	?	Reference Join
Key_1	Key_1	Key

**4.2.1.7.10.6 List of extended attributes of the table column COD\_ENDERECO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.7.11 Column DES\_LOGRADOURO of the table ENDERECO****4.2.1.7.11.1 Card of the column DES\_LOGRADOURO of the table ENDERECO**

<i>Name</i>	DES_LOGRADOURO
<i>Code</i>	DES_LOGRADOURO
<i>Data Type</i>	varchar(200)
<i>Mandatory</i>	No

**4.2.1.7.11.2 Check constraint name of the column DES\_LOGRADOURO of the table ENDERECO**

CK\_DES\_LOGRADOURO

**4.2.1.7.11.3 Check of the column DES\_LOGRADOURO of the table ENDERECO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.7.11.4 Server validation rule of the column DES\_LOGRADOURO of the table ENDERECO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.7.11.5 List of extended attributes of the table column DES\_LOGRADOURO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0



**4.2.1.7.12 Column NUM NUMERO of the table ENDERECO****4.2.1.7.12.1 Card of the column NUM NUMERO of the table ENDERECO**

<i>Name</i>	NUM_NUMERO
<i>Code</i>	NUM_NUMERO
<i>Data Type</i>	int
<i>Mandatory</i>	No

**4.2.1.7.12.2 Check constraint name of the column NUM NUMERO of the table ENDERECO**

CK\_NUM\_NUMERO

**4.2.1.7.12.3 Check of the column NUM NUMERO of the table ENDERECO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.7.12.4 Server validation rule of the column NUM NUMERO of the table ENDERECO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.7.12.5 List of extended attributes of the table column NUM NUMERO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.7.13 Column NOM COMPLEMENTO of the table ENDERECO****4.2.1.7.13.1 Card of the column NOM COMPLEMENTO of the table ENDERECO**

<i>Name</i>	NOM_COMPLEMENTO
<i>Code</i>	NOM_COMPLEMENTO
<i>Data Type</i>	varchar(100)
<i>Mandatory</i>	No

**4.2.1.7.13.2 Check constraint name of the column NOM COMPLEMENTO of the table ENDERECO**

CK\_NOM\_COMPLEMENTO

**4.2.1.7.13.3 Check of the column NOM COMPLEMENTO of the table ENDERECO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.7.13.4 Server validation rule of the column NOM COMPLEMENTO of the table ENDERECO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.7.13.5 List of extended attributes of the table column NOM\_COMPLEMENTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.7.14 Column NUM\_CEP of the table ENDERECO**

##### **4.2.1.7.14.1 Card of the column NUM\_CEP of the table ENDERECO**

<i>Name</i>	NUM_CEP
<i>Code</i>	NUM_CEP
<i>Data Type</i>	int(8)
<i>Mandatory</i>	No

##### **4.2.1.7.14.2 Check constraint name of the column NUM\_CEP of the table ENDERECO**

CK\_NUM\_CEP

##### **4.2.1.7.14.3 Check of the column NUM\_CEP of the table ENDERECO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.7.14.4 Server validation rule of the column NUM\_CEP of the table ENDERECO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.7.14.5 List of extended attributes of the table column NUM\_CEP**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.7.15 Column NOM\_BAIRRO of the table ENDERECO**

##### **4.2.1.7.15.1 Card of the column NOM\_BAIRRO of the table ENDERECO**

<i>Name</i>	NOM_BAIRRO
<i>Code</i>	NOM_BAIRRO
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

##### **4.2.1.7.15.2 Check constraint name of the column NOM\_BAIRRO of the table ENDERECO**

CK\_NOM\_BAIRRO

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.7.15.4 Server validation rule of the column NOM BAIRRO of the table ENDERECO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.7.15.5 List of extended attributes of the table column NOM BAIRRO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.7.16 Column NOM ESTADO of the table ENDERECO**

##### **4.2.1.7.16.1 Card of the column NOM ESTADO of the table ENDERECO**

<i>Name</i>	NOM_ESTADO
<i>Code</i>	NOM_ESTADO
<i>Data Type</i>	varchar(50)
<i>Mandatory</i>	No

##### **4.2.1.7.16.2 Check constraint name of the column NOM ESTADO of the table ENDERECO**

CK\_NOM\_ESTADO

##### **4.2.1.7.16.3 Check of the column NOM ESTADO of the table ENDERECO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.7.16.4 Server validation rule of the column NOM ESTADO of the table ENDERECO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.7.16.5 List of extended attributes of the table column NOM ESTADO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

#### **4.2.1.7.18 Key Key\_1 of the table ENDERECO**

##### **4.2.1.7.18.1 Card of the key Key\_1 of the table ENDERECO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	ENDERECO

##### **4.2.1.7.18.2 Code preview of the key Key\_1 of the table ENDERECO**

alter table ENDERECO

add primary key (COD\_ENDERECO);

alter table CADASTRO\_EMPRESA add constraint FK\_ENDERECO\_CADASTRO\_EMPRESA foreign key (COD\_ENDERECO)  
references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

alter table CADASTRO\_PESSOA\_FISICA add constraint FK\_ENDERECO\_CADASTRO\_PESSOA\_FISICA foreign key  
(COD\_ENDERECO)  
references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

alter table CADASTRO\_POSTO add constraint FK\_ENDERECO\_CADASTRO\_POSTO foreign key (COD\_ENDERECO)  
references ENDERECO (COD\_ENDERECO) on delete restrict on update restrict;

##### **4.2.1.7.18.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_ENDERECO	COD_ENDERECO

##### **4.2.1.7.18.4 List of all dependencies of the table key Key\_1**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FK_ENDERECO_CADASTRO_EMPRESA	FK_ENDERECO_CADASTRO_EMPRESA	Reference
FK_ENDERECO_CADASTRO_PESSOA_FISICA	FK_ENDERECO_CADASTRO_PESSOA_FISICA	Reference
FK_ENDERECO_CADASTRO_POSTO	FK_ENDERECO_CADASTRO_POSTO	Reference

##### **4.2.1.7.18.5 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

#### **4.2.1.8 Table FILTRAR\_POSTO**

##### **4.2.1.8.1 Card of table FILTRAR\_POSTO**

<i>Name</i>	FILTRAR_POSTO
<i>Code</i>	FILTRAR_POSTO
<i>DBMS</i>	MySQL 5.0

##### **4.2.1.8.2 Check constraint name of the table FILTRAR\_POSTO**

TK\_FILTRAR\_POSTO

##### **4.2.1.8.3 Server validation rule of the table FILTRAR\_POSTO**

%RULES%

##### **4.2.1.8.4 Code preview of the table FILTRAR\_POSTO**

/\*=====\*/

```

/* Table: FILTRAR_POSTO */
/*=====*/
create table FILTRAR_POSTO
(
  COD_FILTRAR_POSTO smallint not null,
  COD_CADASTRO_POSTO integer not null,
  NOM_POSTO varchar(200),
  VAL_PRECO_COMBUSTIVEL float(13,2),
  DES_LOCALIDADE varchar(100),
  DES_TIPO_COMBUSTIVEL varchar(200)
);

alter table FILTRAR_POSTO
  add primary key (COD_FILTRAR_POSTO, COD_CADASTRO_POSTO);

alter table FILTRAR_POSTO add constraint FK_CADASTRO_POSTO_FILTRAR_POSTO foreign key
(COD_CADASTRO_POSTO)
  references CADASTRO_POSTO (COD_CADASTRO_POSTO) on delete restrict on update restrict;

```

#### 4.2.1.8.5 List of diagrams containing the table FILTRAR\_POSTO

Name	Code
DER	PHYSICALDIAGRAM_1

#### 4.2.1.8.6 List of outgoing references of the table FILTRAR\_POSTO

Name	Code	Foreign Key Columns
FK_CADASTRO_POSTO_FILTRAR_POSTO	FK_CADASTRO_POSTO_FILTRAR_POSTO	COD_CADASTRO_POSTO

#### 4.2.1.8.7 List of all dependencies of the table FILTRAR\_POSTO

Name	Code	Class Name
FK_CADASTRO_POSTO_FILTRAR_POSTO	FK_CADASTRO_POSTO_FILTRAR_POSTO	Reference

#### 4.2.1.8.8 List of extended attributes of the table FILTRAR\_POSTO

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

#### 4.2.1.8.9 List of columns of the table FILTRAR\_POSTO

Name	Code
COD_FILTRAR_POSTO	COD_FILTRAR_POSTO
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO
NOM_POSTO	NOM_POSTO
VAL_PRECO_COMBUSTIVEL	VAL_PRECO_COMBUSTIVEL
DES_LOCALIDADE	DES_LOCALIDADE
DES_TIPO_COMBUSTIVEL	DES_TIPO_COMBUSTIVEL

#### 4.2.1.8.10 Column COD\_FILTRAR\_POSTO of the table FILTRAR\_POSTO

##### 4.2.1.8.10.1 Card of the column COD\_FILTRAR\_POSTO of the table FILTRAR\_POSTO

Name	COD_FILTRAR_POSTO
Code	COD_FILTRAR_POSTO
Data Type	smallint
Mandatory	Yes

##### 4.2.1.8.10.2 Check constraint name of the column COD\_FILTRAR\_POSTO of the table FILTRAR\_POSTO

CK\_COD\_FILTRAR\_POSTO

**4.2.1.8.10.3 Check of the column COD FILTRAR POSTO of the table FILTRAR POSTO**

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

**4.2.1.8.10.4 Server validation rule of the column COD FILTRAR POSTO of the table FILTRAR POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.8.10.5 List of all dependencies of the table column COD FILTRAR POSTO**

Name	Code	Class Name
Key_1	Key_1	Key

**4.2.1.8.10.6 List of extended attributes of the table column COD FILTRAR POSTO**

Name	Data Type	Value	Target Name
CharSet	Charsets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.8.11 Column COD CADASTRO POSTO of the table FILTRAR POSTO****4.2.1.8.11.1 Card of the column COD CADASTRO POSTO of the table FILTRAR POSTO**

Name	COD_CADASTRO_POSTO
Code	COD_CADASTRO_POSTO
Data Type	integer
Mandatory	Yes

**4.2.1.8.11.2 Check constraint name of the column COD CADASTRO POSTO of the table FILTRAR POSTO**

CK\_COD\_CADASTRO\_POSTO

**4.2.1.8.11.3 Check of the column COD CADASTRO POSTO of the table FILTRAR POSTO**

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

**4.2.1.8.11.4 Server validation rule of the column COD CADASTRO POSTO of the table FILTRAR POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.8.11.5 List of all dependencies of the table column COD CADASTRO POSTO**

Name	Code	Class Name
?	?	Reference Join
Key_1	Key_1	Key

**4.2.1.8.11.6 List of extended attributes of the table column COD CADASTRO POSTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.8.12 Column NOM POSTO of the table FILTRAR POSTO****4.2.1.8.12.1 Card of the column NOM POSTO of the table FILTRAR POSTO**

<i>Name</i>	NOM_POSTO
<i>Code</i>	NOM_POSTO
<i>Data Type</i>	varchar(200)
<i>Mandatory</i>	No

**4.2.1.8.12.2 Check constraint name of the column NOM POSTO of the table FILTRAR POSTO**

CK\_NOM\_POSTO

**4.2.1.8.12.3 Check of the column NOM POSTO of the table FILTRAR POSTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.8.12.4 Server validation rule of the column NOM POSTO of the table FILTRAR POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.8.12.5 List of extended attributes of the table column NOM POSTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.8.13 Column VAL PRECO COMBUSTIVEL of the table FILTRAR POSTO****4.2.1.8.13.1 Card of the column VAL PRECO COMBUSTIVEL of the table FILTRAR POSTO**

<i>Name</i>	VAL_PRECO_COMBUSTIVEL
<i>Code</i>	VAL_PRECO_COMBUSTIVEL
<i>Data Type</i>	float(13,2)
<i>Mandatory</i>	No

**4.2.1.8.13.2 Check constraint name of the column VAL PRECO COMBUSTIVEL of the table FILTRAR POSTO**

CK\_VAL\_PRECO\_COMBUSTIVEL

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

#### **4.2.1.8.13.4 Server validation rule of the column VAL\_PRECO\_COMBUSTIVEL of the table FILTRAR\_POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.8.13.5 List of extended attributes of the table column VAL\_PRECO\_COMBUSTIVEL**

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.8.14 Column DES\_LOCALIDADE of the table FILTRAR\_POSTO**

##### **4.2.1.8.14.1 Card of the column DES\_LOCALIDADE of the table FILTRAR\_POSTO**

Name	DES_LOCALIDADE
Code	DES_LOCALIDADE
Data Type	varchar(100)
Mandatory	No

##### **4.2.1.8.14.2 Check constraint name of the column DES\_LOCALIDADE of the table FILTRAR\_POSTO**

CK\_DES\_LOCALIDADE

##### **4.2.1.8.14.3 Check of the column DES\_LOCALIDADE of the table FILTRAR\_POSTO**

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

##### **4.2.1.8.14.4 Server validation rule of the column DES\_LOCALIDADE of the table FILTRAR\_POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.8.14.5 List of extended attributes of the table column DES\_LOCALIDADE**

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.8.15 Column DES\_TIPO\_COMBUSTIVEL of the table FILTRAR\_POSTO**



**4.2.1.8.15.1 Card of the column DES\_TIPO\_COMBUSTIVEL of the table FILTRAR\_POSTO**

<i>Name</i>	DES_TIPO_COMBUSTIVEL
<i>Code</i>	DES_TIPO_COMBUSTIVEL
<i>Data Type</i>	varchar(200)
<i>Mandatory</i>	No

**4.2.1.8.15.2 Check constraint name of the column DES\_TIPO\_COMBUSTIVEL of the table FILTRAR\_POSTO**

CK\_DES\_TIPO\_COMBUSTIVEL

**4.2.1.8.15.3 Check of the column DES\_TIPO\_COMBUSTIVEL of the table FILTRAR\_POSTO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.8.15.4 Server validation rule of the column DES\_TIPO\_COMBUSTIVEL of the table FILTRAR\_POSTO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.8.15.5 List of extended attributes of the table column DES\_TIPO\_COMBUSTIVEL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.8.16 List of keys of the table FILTRAR\_POSTO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.8.17 Key Key\_1 of the table FILTRAR\_POSTO****4.2.1.8.17.1 Card of the key Key\_1 of the table FILTRAR\_POSTO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	FILTRAR_POSTO

**4.2.1.8.17.2 Code preview of the key Key\_1 of the table FILTRAR\_POSTO**

```
alter table FILTRAR_POSTO
  add primary key (COD_FILTRAR_POSTO, COD_CADASTRO_POSTO);
```

**4.2.1.8.17.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_FILTRAR_POSTO	COD_FILTRAR_POSTO
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.0

#### 4.2.1.9 Table HISTORICO\_PRECOS

##### 4.2.1.9.1 Card of table HISTORICO\_PRECOS

Name	HISTORICO_PRECOS
Code	HISTORICO_PRECOS
DBMS	MySQL 5.0

##### 4.2.1.9.2 Check constraint name of the table HISTORICO\_PRECOS

TK\_HISTORICO\_PRECOS

##### 4.2.1.9.3 Server validation rule of the table HISTORICO\_PRECOS

%RULES%

##### 4.2.1.9.4 Code preview of the table HISTORICO\_PRECOS

```
/*=====*/
/* Table: HISTORICO_PRECOS */
/*=====*/
```

```
create table HISTORICO_PRECOS
```

```
(
  COD_HISTORICO_PRECOS smallint not null,
  COD_CADASTRO_POSTO integer not null,
  DES_TABELA_COMBUSTIVEL varchar(1000),
  DES_TIPO_COMBUSTIVEL varchar(200),
  DTA_DATA_PRECO date,
  HOR_ATUALIZACAO_HORA time,
  VAL_PRECO_COMBUSTIVEL float(13,2)
);
```

```
alter table HISTORICO_PRECOS
  add primary key (COD_HISTORICO_PRECOS);
```

```
alter table HISTORICO_PRECOS add constraint FK_CADASTRO_POSTO foreign key (COD_CADASTRO_POSTO)
  references CADASTRO_POSTO (COD_CADASTRO_POSTO) on delete restrict on update restrict;
```

##### 4.2.1.9.5 List of diagrams containing the table HISTORICO\_PRECOS

Name	Code
DER	PHYSICALDIAGRAM_1

##### 4.2.1.9.6 List of outgoing references of the table HISTORICO\_PRECOS

Name	Code	Foreign Key Columns
FK_CADASTRO_POSTO	FK_CADASTRO_POSTO	COD_CADASTRO_POSTO

##### 4.2.1.9.7 List of all dependencies of the table HISTORICO\_PRECOS

Name	Code	Class Name
FK_CADASTRO_POSTO	FK_CADASTRO_POSTO	Reference

##### 4.2.1.9.8 List of extended attributes of the table HISTORICO\_PRECOS

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0

##### 4.2.1.9.9 List of columns of the table HISTORICO\_PRECOS

Name	Code
------	------

<i>Name</i>	<i>Code</i>
COD_HISTORICO_PRECOS	COD_HISTORICO_PRECOS
COD_CADASTRO_POSTO	COD_CADASTRO_POSTO
DES_TABELA_COMBUSTIVEL	DES_TABELA_COMBUSTIVEL
DES_TIPO_COMBUSTIVEL	DES_TIPO_COMBUSTIVEL
DTA_DATA_PRECO	DTA_DATA_PRECO
HOR_ATUALIZACAO_HORA	HOR_ATUALIZACAO_HORA
VAL_PRECO_COMBUSTIVEL	VAL_PRECO_COMBUSTIVEL

#### **4.2.1.9.10 Column COD HISTORICO PRECOS of the table HISTORICO PRECOS**

##### **4.2.1.9.10.1 Card of the column COD HISTORICO PRECOS of the table HISTORICO PRECOS**

<i>Name</i>	COD_HISTORICO_PRECOS
<i>Code</i>	COD_HISTORICO_PRECOS
<i>Data Type</i>	smallint
<i>Mandatory</i>	Yes

##### **4.2.1.9.10.2 Check constraint name of the column COD HISTORICO PRECOS of the table HISTORICO PRECOS**

CK\_COD\_HISTORICO\_PRECOS

##### **4.2.1.9.10.3 Check of the column COD HISTORICO PRECOS of the table HISTORICO PRECOS**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.9.10.4 Server validation rule of the column COD HISTORICO PRECOS of the table HISTORICO PRECOS**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.9.10.5 List of all dependencies of the table column COD HISTORICO PRECOS**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Key

##### **4.2.1.9.10.6 List of extended attributes of the table column COD HISTORICO PRECOS**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.9.11 Column COD CADASTRO POSTO of the table HISTORICO PRECOS**

##### **4.2.1.9.11.1 Card of the column COD CADASTRO POSTO of the table HISTORICO PRECOS**

<i>Name</i>	COD_CADASTRO_POSTO
<i>Code</i>	COD_CADASTRO_POSTO
<i>Data Type</i>	integer

<i>Mandatory</i>	Yes
------------------	-----

#### **4.2.1.9.11.2 Check constraint name of the column COD\_CADASTRO\_POSTO of the table HISTORICO\_PRECOS** CK\_COD\_CADASTRO\_POSTO

#### **4.2.1.9.11.3 Check of the column COD\_CADASTRO\_POSTO of the table HISTORICO\_PRECOS**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.9.11.4 Server validation rule of the column COD\_CADASTRO\_POSTO of the table HISTORICO\_PRECOS** %MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.9.11.5 List of all dependencies of the table column COD\_CADASTRO\_POSTO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

#### **4.2.1.9.11.6 List of extended attributes of the table column COD\_CADASTRO\_POSTO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.9.12 Column DES\_TABELA\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

##### **4.2.1.9.12.1 Card of the column DES\_TABELA\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

<i>Name</i>	DES_TABELA_COMBUSTIVEL
<i>Code</i>	DES_TABELA_COMBUSTIVEL
<i>Data Type</i>	varchar(1000)
<i>Mandatory</i>	No

##### **4.2.1.9.12.2 Check constraint name of the column DES\_TABELA\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

CK\_DES\_TABELA\_COMBUSTIVEL

##### **4.2.1.9.12.3 Check of the column DES\_TABELA\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.9.12.4 Server validation rule of the column DES\_TABELA\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.9.12.5 List of extended attributes of the table column DES\_TABELA\_COMBUSTIVEL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.9.13 Column DES\_TIPO\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

##### **4.2.1.9.13.1 Card of the column DES\_TIPO\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

<i>Name</i>	DES_TIPO_COMBUSTIVEL
<i>Code</i>	DES_TIPO_COMBUSTIVEL
<i>Data Type</i>	varchar(200)
<i>Mandatory</i>	No

##### **4.2.1.9.13.2 Check constraint name of the column DES\_TIPO\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

CK\_DES\_TIPO\_COMBUSTIVEL

##### **4.2.1.9.13.3 Check of the column DES\_TIPO\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.9.13.4 Server validation rule of the column DES\_TIPO\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.9.13.5 List of extended attributes of the table column DES\_TIPO\_COMBUSTIVEL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.9.14 Column DTA\_DATA\_PRECO of the table HISTORICO\_PRECOS**

##### **4.2.1.9.14.1 Card of the column DTA\_DATA\_PRECO of the table HISTORICO\_PRECOS**

<i>Name</i>	DTA_DATA_PRECO
<i>Code</i>	DTA_DATA_PRECO
<i>Data Type</i>	date
<i>Mandatory</i>	No

##### **4.2.1.9.14.2 Check constraint name of the column DTA\_DATA\_PRECO of the table HISTORICO\_PRECOS**

CK\_DTA\_DATA\_PRECO

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.2.1.9.14.4 Server validation rule of the column DTA DATA PRECO of the table HISTORICO PRECOS**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.9.14.5 List of extended attributes of the table column DTA DATA PRECO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.9.15 Column HOR ATUALIZACAO HORA of the table HISTORICO PRECOS**

##### **4.2.1.9.15.1 Card of the column HOR ATUALIZACAO HORA of the table HISTORICO PRECOS**

<i>Name</i>	HOR_ATUALIZACAO_HORA
<i>Code</i>	HOR_ATUALIZACAO_HORA
<i>Data Type</i>	time
<i>Mandatory</i>	No

##### **4.2.1.9.15.2 Check constraint name of the column HOR ATUALIZACAO HORA of the table HISTORICO PRECOS**

CK\_HOR\_ATUALIZACAO\_HORA

##### **4.2.1.9.15.3 Check of the column HOR ATUALIZACAO HORA of the table HISTORICO PRECOS**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.2.1.9.15.4 Server validation rule of the column HOR ATUALIZACAO HORA of the table HISTORICO PRECOS**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.9.15.5 List of extended attributes of the table column HOR ATUALIZACAO HORA**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.9.16 Column VAL\_PRECO\_COMBUSTIVEL of the table HISTORICO\_PRECOS****4.2.1.9.16.1 Card of the column VAL\_PRECO\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

<i>Name</i>	VAL_PRECO_COMBUSTIVEL
<i>Code</i>	VAL_PRECO_COMBUSTIVEL
<i>Data Type</i>	float(13,2)
<i>Mandatory</i>	No

**4.2.1.9.16.2 Check constraint name of the column VAL\_PRECO\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

CK\_VAL\_PRECO\_COMBUSTIVEL

**4.2.1.9.16.3 Check of the column VAL\_PRECO\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.9.16.4 Server validation rule of the column VAL\_PRECO\_COMBUSTIVEL of the table HISTORICO\_PRECOS**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.9.16.5 List of extended attributes of the table column VAL\_PRECO\_COMBUSTIVEL**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	Charsets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.9.17 List of keys of the table HISTORICO\_PRECOS**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.9.18 Key Key\_1 of the table HISTORICO\_PRECOS****4.2.1.9.18.1 Card of the key Key\_1 of the table HISTORICO\_PRECOS**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	HISTORICO_PRECOS

**4.2.1.9.18.2 Code preview of the key Key\_1 of the table HISTORICO\_PRECOS**

```
alter table HISTORICO_PRECOS
  add primary key (COD_HISTORICO_PRECOS);
```

**4.2.1.9.18.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_HISTORICO_PRECOS	COD_HISTORICO_PRECOS

**4.2.1.9.18.4 List of extended attributes of the table key Key 1**

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.0

**4.2.1.10 Table INSERIR\_COMENTARIO****4.2.1.10.1 Card of table INSERIR\_COMENTARIO**

Name	INSERIR_COMENTARIO
Code	INSERIR_COMENTARIO
DBMS	MySQL 5.0

**4.2.1.10.2 Check constraint name of the table INSERIR\_COMENTARIO**

TK\_INSERIR\_COMENTARIO

**4.2.1.10.3 Server validation rule of the table INSERIR\_COMENTARIO**

%RULES%

**4.2.1.10.4 Code preview of the table INSERIR\_COMENTARIO**

```
/*=====*/
/* Table: INSERIR_COMENTARIO */
/*=====*/
```

```
create table INSERIR_COMENTARIO
```

```
(
  COD_COMENTARIO integer not null,
  COD_PESSOA_FISICA integer not null,
  COD_ENDERECO integer not null,
  NOM_NOME_CLIENTE varchar(100),
  DES_COMENTARIO varchar(200)
);
```

```
alter table INSERIR_COMENTARIO
  add primary key (COD_COMENTARIO);
```

```
alter table INSERIR_COMENTARIO add constraint FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO foreign key
(COD_PESSOA_FISICA, COD_ENDERECO)
  references CADASTRO_PESSOA_FISICA (COD_PESSOA_FISICA, COD_ENDERECO) on delete restrict on update restrict;
```

**4.2.1.10.5 List of diagrams containing the table INSERIR\_COMENTARIO**

Name	Code
DER	PHYSICALDIAGRAM_1

**4.2.1.10.6 List of outgoing references of the table INSERIR\_COMENTARIO**

Name	Code	Foreign Key Columns
FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO	FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO	COD_PESSOA_FISICA; COD_ENDERECO

**4.2.1.10.7 List of all dependencies of the table INSERIR\_COMENTARIO**

Name	Code	Class Name
FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO	FK_CADASTRO_PESSOA_FISICA_INSERIR_COMENTARIO	Reference

**4.2.1.10.8 List of extended attributes of the table INSERIR\_COMENTARIO**

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.0



**4.2.1.10.9 List of columns of the table INSERIR\_COMENTARIO**

<i>Name</i>	<i>Code</i>
COD_COMENTARIO	COD_COMENTARIO
COD_PESSOA_FISICA	COD_PESSOA_FISICA
COD_ENDERECO	COD_ENDERECO
NOM_NOME_CLIENTE	NOM_NOME_CLIENTE
DES_COMENTARIO	DES_COMENTARIO

**4.2.1.10.10 Column COD\_COMENTARIO of the table INSERIR\_COMENTARIO****4.2.1.10.10.1 Card of the column COD\_COMENTARIO of the table INSERIR\_COMENTARIO**

<i>Name</i>	COD_COMENTARIO
<i>Code</i>	COD_COMENTARIO
<i>Data Type</i>	integer
<i>Mandatory</i>	Yes

**4.2.1.10.10.2 Check constraint name of the column COD\_COMENTARIO of the table INSERIR\_COMENTARIO**

CK\_COD\_COMENTARIO

**4.2.1.10.10.3 Check of the column COD\_COMENTARIO of the table INSERIR\_COMENTARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.10.10.4 Server validation rule of the column COD\_COMENTARIO of the table INSERIR\_COMENTARIO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.10.10.5 List of all dependencies of the table column COD\_COMENTARIO**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Key

**4.2.1.10.10.6 List of extended attributes of the table column COD\_COMENTARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.10.11 Column COD\_PESSOA\_FISICA of the table INSERIR\_COMENTARIO****4.2.1.10.11.1 Card of the column COD\_PESSOA\_FISICA of the table INSERIR\_COMENTARIO**

<i>Name</i>	COD_PESSOA_FISICA
<i>Code</i>	COD_PESSOA_FISICA
<i>Data Type</i>	integer
<i>Mandatory</i>	Yes

#### **4.2.1.10.11.2 Check constraint name of the column COD\_PESSOA\_FISICA of the table INSERIR\_COMENTARIO** CK\_COD\_PESSOA\_FISICA

#### **4.2.1.10.11.3 Check of the column COD\_PESSOA\_FISICA of the table INSERIR\_COMENTARIO**

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

#### **4.2.1.10.11.4 Server validation rule of the column COD\_PESSOA\_FISICA of the table INSERIR\_COMENTARIO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

#### **4.2.1.10.11.5 List of all dependencies of the table column COD\_PESSOA\_FISICA**

Name	Code	Class Name
?	?	Reference Join

#### **4.2.1.10.11.6 List of extended attributes of the table column COD\_PESSOA\_FISICA**

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

#### **4.2.1.10.12 Column COD\_ENDERECO of the table INSERIR\_COMENTARIO**

##### **4.2.1.10.12.1 Card of the column COD\_ENDERECO of the table INSERIR\_COMENTARIO**

Name	COD_ENDERECO
Code	COD_ENDERECO
Data Type	integer
Mandatory	Yes

##### **4.2.1.10.12.2 Check constraint name of the column COD\_ENDERECO of the table INSERIR\_COMENTARIO**

CK\_COD\_ENDERECO

##### **4.2.1.10.12.3 Check of the column COD\_ENDERECO of the table INSERIR\_COMENTARIO**

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

##### **4.2.1.10.12.4 Server validation rule of the column COD\_ENDERECO of the table INSERIR\_COMENTARIO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

##### **4.2.1.10.12.5 List of all dependencies of the table column COD\_ENDERECO**

Name	Code	Class Name
------	------	------------

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
?	?	Reference Join

**4.2.1.10.12.6 List of extended attributes of the table column COD\_ENDERECO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.10.13 Column NOM\_NOME\_CLIENTE of the table INSERIR\_COMENTARIO****4.2.1.10.13.1 Card of the column NOM\_NOME\_CLIENTE of the table INSERIR\_COMENTARIO**

<i>Name</i>	NOM_NOME_CLIENTE
<i>Code</i>	NOM_NOME_CLIENTE
<i>Data Type</i>	varchar(100)
<i>Mandatory</i>	No

**4.2.1.10.13.2 Check constraint name of the column NOM\_NOME\_CLIENTE of the table INSERIR\_COMENTARIO**

CK\_NOM\_NOME\_CLIENTE

**4.2.1.10.13.3 Check of the column NOM\_NOME\_CLIENTE of the table INSERIR\_COMENTARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.10.13.4 Server validation rule of the column NOM\_NOME\_CLIENTE of the table INSERIR\_COMENTARIO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.10.13.5 List of extended attributes of the table column NOM\_NOME\_CLIENTE**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.10.14 Column DES\_COMENTARIO of the table INSERIR\_COMENTARIO****4.2.1.10.14.1 Card of the column DES\_COMENTARIO of the table INSERIR\_COMENTARIO**

<i>Name</i>	DES_COMENTARIO
<i>Code</i>	DES_COMENTARIO
<i>Data Type</i>	varchar(200)
<i>Mandatory</i>	No

**4.2.1.10.14.2 Check constraint name of the column DES\_COMENTARIO of the table INSERIR\_COMENTARIO**

CK\_DES\_COMENTARIO

**4.2.1.10.14.3 Check of the column DES COMENTARIO of the table INSERIR COMENTARIO**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.2.1.10.14.4 Server validation rule of the column DES COMENTARIO of the table INSERIR COMENTARIO**

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.2.1.10.14.5 List of extended attributes of the table column DES COMENTARIO**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
CharSet	CharSets		MySQL 5.0
Collate	(String)		MySQL 5.0
National	(Boolean)	false	MySQL 5.0
Unsigned	(Boolean)	false	MySQL 5.0
ZeroFill	(Boolean)	false	MySQL 5.0

**4.2.1.10.15 List of keys of the table INSERIR COMENTARIO**

<i>Name</i>	<i>Code</i>	<i>Primary</i>
Key_1	Key_1	X

**4.2.1.10.16 Key Key\_1 of the table INSERIR COMENTARIO****4.2.1.10.16.1 Card of the key Key\_1 of the table INSERIR COMENTARIO**

<i>Name</i>	Key_1
<i>Code</i>	Key_1
<i>Table</i>	INSERIR_COMENTARIO

**4.2.1.10.16.2 Code preview of the key Key\_1 of the table INSERIR COMENTARIO**

```
alter table INSERIR_COMENTARIO
  add primary key (COD_COMENTARIO);
```

**4.2.1.10.16.3 List of columns of the table key Key\_1**

<i>Name</i>	<i>Code</i>
COD_COMENTARIO	COD_COMENTARIO

**4.2.1.10.16.4 List of extended attributes of the table key Key\_1**

<i>Name</i>	<i>Data Type</i>	<i>Value</i>	<i>Target Name</i>
ExtUnique	(Boolean)	false	MySQL 5.0

