

**PRZEBUDOWA INSTALACJI GAZOWEJ W SAMODZIELNYM PUBLICZNYM
WOJEWÓDZKIM SZPITALU ZESPOLONYM W SZCZECINIE PRZY
UL. ARKOŃSKIEJ 4**

Nazwa przedsięwzięcia - zadania inwestycyjnego

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Obiekt

71- 455 Szczecin , ul. Arkońska 4, działka nr 3/38

Adres

**SPECYFIKACJA TECHNICZNA WYKONANIA I ODBIORU ROBÓT
WEWNĘTRZNEJ I ZEWNĘTRZNEJ INSTALACJI GAZU**

Nazwa opracowania branżowego

Z E S P Ó Ł P R O J E K T O W Y				DATA I PODPIS
INSTALACJE SANITARNE	Projektował:	mgr inż. BOGDAN TOŁKACZ	579/Sz/94	03.2015 r.
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SPECYFIKACJ TECHNICZNA (ST) WYKONANIA I ODBIORU ROBÓT

PRZEBUDOWA INSTALACJI GAZOWEJ W SAMODZIELNYM PUBLICZNYM WOJEWÓDZKIM SZPITALU ZESPOŁONYM W SZCZECINIE PRZY UL. ARKOŃSKIEJ 4

GRUPA 45000000-7 Roboty budowlane

KATEGORIA 45112100-6 Roboty w zakresie kopania rowów

KATEGORIA 45231220-3 Roboty budowlane w zakresie gazociągów

GRUPA 45300000-0 Roboty w zakresie instalacji budowlanych

GRUPA 45333000-0 Roboty instalacyjne gazowe

KATEGORIA 45331100-1 Instalowanie sprzętu regulacji gazu

SPIS TREŚCI:

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ST NR 1.01. ROBOTY INSTALACYJNE W ZAKRESIE INSTALOWANIA SPRZĘTU REGULACJI GAZU

1. CZĘŚĆ OGÓLNA

1.1. Przedmiot ST

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1.2. Zakres stosowania ST

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1.3. Zakres robót objętych ST

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1.4. Ogólne wymagania dotyczące robót

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1.5. Dokumentacja, którą należy przedstawić w trakcie budowy

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2. MATERIAŁY

2.1 .Wymagania ogólne

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2.2. Wymagania szczegółowe

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Lp.	Nazwa	Jm
1	acetylen techniczny rozpuszczony	kg
2	cegła budowlana pełna	szt
3	cement portlandzki zwykły 35	kg
4	drut stalowy do spawania	kg
5	farba olejna do gruntowania	dm3
6	farba olejna nawierzchniowa	dm3
7	klucze stalowe do kurków gazowych	szt
8	kurki gazowe mosiężne śr.15 mm	szt
9	łączniki redukcyjne do gazomierzy o śr.przyłącza 25 mm	szt
10	łączniki z żeliwa ciągliwego czarne o śr.przyłącza 25 mm	szt
11	łączniki z żeliwa ciągliwego czarne śr.15 mm	szt
12	papier ścierny	szt
13	Reduktor FE 10	szt
14	rozcieńczalnik	szt
15	rury stalowe typ S,przewodowe o śr. 80 mm	m
16	rury stalowe ze szwem przewodowe czarne o śr.nom. 20 mm	m
17	rury stalowe ze szwem przewodowe czarne o śr.nom. 25 mm	m
18	rury stalowe ze szwem przewodowe czarne o śr.nom. 32 mm	m
19	rury stalowe ze szwem przewodowe gwintowane czarne śr.15 mm	m
20	sznur konopny kręcony czesankowy pojedynczy smołowany	kg
21	tlen techniczny	m3
22	uchwyty do rur o śr. nom. 25 mm	szt
23	uchwyty do rur o śr.nom. 20 mm	szt
24	uchwyty do rur o śr.nom. 32 mm	szt
25	uchwyty do rur o śr.przyłącza 25 mm	szt
26	zaprawa	m3
27	zawory kulowe do wspawania o śr. 20 mm	szt
28	zawory kulowe do wspawania o śr. 25 mm	szt

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ST NR 1.0.21. ZEWNĘTRZNA INSTALACJA GAZOWA

1. CZĘŚĆ OGÓLNA

1.1. Przedmiot specyfikacji

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1.2. Zakres stosowania specyfikacji

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1.3. Zakres robót objętych specyfikacją

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1.4. Określenia podstawowe

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1.5. Ogólne wymagania dotyczące robót

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1.6. Dokumentacja, którą należy przedstawić w trakcie budowy

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2. MATERIAŁY

2.1. Ogólne wymagania dotyczące materiałów

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2.2. Wymagania szczegółowe

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Lp.	Nazwa	Jm
1	acetylen techniczny rozpuszczony	kg
2	cegła budowlana pełna	szt
3	cement portlandzki zwykły 35	kg
4	drut stalowy do spawania	kg
5	drut stalowy do spawania śr. 2.5-4 mm	kg
6	kołnierz ślepy z przylgą z blachy stalowej St2S dla ciśnień do 0.6 MPa o śr.nom. 50-100 mm	szt
7	konstrukcja podwieszęń l=4,0m	szt
8	krawędziaki iglaste nasyczone kl.II 16x16cm	m3
9	kształtki PE-stal 32/25	szt
10	kurek dławikowy żeliwny kołnierzowy śr.57	szt
11	mieszanka asfaltu lanego grysowa	t
12	mufa	szt
13	piasek	m3
14	pospółka - kruszywo nienormowane	m3
15	przeciwnakrętki z żeliwa ciągliwego czarne	szt
16	przewód Cu wielodrutowy LY 1,5 mm2	m
17	pułstak kablowy dwudzielny długości 1500 mm	szt
18	rura stalowa typ S instalacyjna ze stali 10BX z końcami gładkimi czarna śr.32	m
19	rura z polietylenu twardego o śr 32 mm	m
20	rura z polietylenu twardego o śr. 90 mm	m
21	rury stalowe izolowane	m

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22	rury stalowe typ B,przewodowe ogólnego przeznaczenia o sprawdzonej szczelności,o zwykłej dokładności wykonania,z końcami gładkimi,bez zabezpieczenia przed korozją,gatunek stali R,R35,R45 o śr.57x4 mm	m
23	rury stalowe typ S,przewodowe o śr. 80 mm	m
24	skrzynka z blachy stalowej	szt
25	sznur konopny kręcony czesankowy pojedynczy smołowany	kg
26	śruby stalowe dokładne M-20 l=300mm	kg
27	taśma z polichlorku winylu	m
28	tlen techniczny	m3
29	trójniki z żeliwa ciągliwego czarne o śr. 25 mm	szt
30	uszczelki azbestowo-kauczukowe z płyt	szt
31	woda	m3
32	zaprawa	m3
33	zawór przelotowy Dn 25	szt

2.2.1 Rury

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2.2.2. Oznakowanie podziemne rurociągu

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3. SPRZET

3.1. Ogólne wymagania dotyczące sprzętu

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3.2. Sprzęt niezbędny do wykonania robót

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4. TRANSPORT

4.1. Ogólne wymagania dotyczące transportu

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4.2. Transport materiałów

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5. WYKONANIE ROBÓT

5.1. Zasady ogólne wykonania robót

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5.2. Zakres i kolejność wykonania Robót

5.2.1 Roboty przygotowawcze.

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5.2.2 Roboty ziemne

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5.2.3 Podłoże

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5.2.4 Układanie rur

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5.3.5 Oznakowanie trasy gazociągu

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5.3.6. Próba szczelności

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5.3.7 Zasypanie wykopów i ich zagęszczenie

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6. KONTROLA JAKOŚCI ROBÓT

6.1. Ogólne zasady kontroli jakości

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6.2. Zakres kontroli

6.2.1. Kontrola wykonania

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6.2.2 Badania przy odbiorze

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6.2.3. Zbadaniu prawidłowości wykonania połączeń zgrzewanych

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6.2.4. Przeprowadzenie prób szczelności

6.2.4.1 Badania wstępne szczelności rurociągów

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6.2.4.2. Czyszczenie gazociągu

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6.2.4.3. Próba szczelności.

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7. OBMIAR ROBÓT

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8. ODBIÓR ROBÓT

8.1 Odbiory techniczne częściowe

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8.2 Odbiór końcowy

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9. PRZEPISY ZWIĄZANE

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